RC
667
F813
sec.4-5
1968

THE FRAMINGHAM STUDY

An Epidemiological Investigation
of
Cardiovascular Disease

Sections 4 and 5

RC
667
F813
sec. 4-5
1968

NIH LIBRARY

Section 4. Specified characteristics at each examination (Exams 1 through 7) by 5-year age groups by age at Exam 1 and age at specified examination and by sex.

	Table Number
Mean values	
Alcohol, Number of Ounces Consumed per Month	4- 1
Blood Pressure	
Systolic BP, Admission	4- 2
Diastolic BP, Admission	4- 3
Systolic BP, First Examiner	4- 4
Diastolic BP, First Examiner	4- 5
Systolic BP, Second Examiner	4- 6
Diastolic BP, Second Examiner	4- 7
Blood Sugar	4- 8
Cholesterol, Serum	4- 9
Cigarettes, Number Smoked per Day	4-10
Framingham Relative Weight	4-11
Hematocrit	4-12
Hemoglobin	4-13
Phospholipid	4-14
Uric Acid	4-15
Vital Capacity	4-16
Weight, in Pounds	4-17
Percent prevalence	
ECG: Definitely Abnormal	4-18
Left Ventricular Hypertrophy, Def. or Dbt.	4-19
Non-Specific T-Wave Abnormality, Def.	4-20
Smokers, Now	4-21
Urinalysis: Albumin, Def. or Trace	4-22
Sugar, Def. or Trace	4-23
X-Ray: Generalized Cardiac Enlargement, Def.	4-24
Heart Enlargement, Def.	4-25
Left Ventricular Hypertrophy, Def.	4-26

June 1968

Table 4-1

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: ALCOHOL CONSUMED BY ALCOHOL DRINKERS (OUNCES/MONTH)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	0.0	25.6	0.0	28.0	0.0	0.0	33.8	29.0	29.0	0	305	0	290	0	0	285	880	880
35-39	0.0	29.5	0.0	32.8	0.0	0.0	34.1	32.1	32.1	0	345	0	341	0	0	324	1010	1010
40-44	0.0	30.0	0.0	33.9	0.0	0.0	38.7	34.0	34.0	0	323	0	302	0	0	278	903	903
45-49	0.0	30.3	0.0	37.3	0.0	0.0	33.5	33.6	33.6	0	260	0	237	0	0	217	714	714
50-54	0.0	29.4	0.0	28.4	0.0	0.0	32.6	30.0	30.0	0	260	0	225	0	0	196	681	681
55-59	0.0	34.1	0.0	30.4	0.0	0.0	30.6	31.8	31.8	0	181	0	169	0	0	143	493	493
60-62	0.0	33.9	0.0	40.3	0.0	0.0	30.6	35.4	35.4	0	43	0	36	0	0	23	102	102
WOMEN, AGE AT EXAM 1																		
29-34	0.0	13.0	0.0	14.5	0.0	0.0	19.0	15.5	15.5	0	297	0	299	0	0	309	905	905
35-39	0.0	13.2	0.0	12.9	0.0	0.0	18.0	14.7	14.7	0	365	0	354	0	0	356	1075	1075
40-44	0.0	11.8	0.0	13.6	0.0	0.0	16.9	14.1	14.1	0	306	0	308	0	0	294	908	908
45-49	0.0	11.3	0.0	15.1	0.0	0.0	17.1	14.5	14.5	0	215	0	212	0	0	223	650	650
50-54	0.0	9.5	0.0	11.6	0.0	0.0	11.3	10.7	10.7	0	202	0	178	0	0	183	563	563
55-59	0.0	11.8	0.0	12.5	0.0	0.0	12.8	12.3	12.3	0	159	0	125	0	0	133	417	417
60-62	0.0	14.7	0.0	10.7	0.0	0.0	12.2	12.7	12.7	0	28	0	24	0	0	21	73	73
MEN, AGE AT EXAM																		
29-34	0.0	25.5	0.0	0.0	0.0	0.0	0.0	25.5	25.5	0	144	0	0	0	0	0	144	144
35-39	0.0	28.4	0.0	27.4	0.0	0.0	0.0	28.0	28.0	0	376	0	212	0	0	0	588	588
40-44	0.0	30.8	0.0	32.4	0.0	0.0	34.8	32.3	32.3	0	307	0	360	0	0	150	817	817
45-49	0.0	27.6	0.0	33.8	0.0	0.0	33.7	31.8	31.8	0	303	0	287	0	0	349	939	939
50-54	0.0	32.8	0.0	36.3	0.0	0.0	37.7	35.7	35.7	0	248	0	274	0	0	268	790	790
55-59	0.0	31.1	0.0	30.6	0.0	0.0	35.6	32.6	32.6	0	230	0	210	0	0	259	699	699
60-64	0.0	31.0	0.0	27.1	0.0	0.0	34.2	30.7	30.7	0	109	0	194	0	0	192	495	495
65-69	0.0	0.0	0.0	40.8	0.0	0.0	29.8	32.6	32.6	0	0	0	63	0	0	183	246	246
70-74	0.0	0.0	0.0	0.0	0.0	0.0	28.1	28.1	28.1	0	0	0	0	0	0	65	65	65
WOMEN, AGE AT EXAM																		
29-34	0.0	11.1	0.0	0.0	0.0	0.0	0.0	11.1	11.1	0	127	0	0	0	0	0	127	127
35-39	0.0	12.3	0.0	14.7	0.0	0.0	0.0	13.2	13.2	0	378	0	207	0	0	0	585	585
40-44	0.0	13.4	0.0	12.7	0.0	0.0	18.6	14.0	14.0	0	330	0	377	0	0	150	857	857
45-49	0.0	12.4	0.0	13.7	0.0	0.0	18.5	15.2	15.2	0	254	0	317	0	0	374	945	945
50-54	0.0	10.6	0.0	15.8	0.0	0.0	17.1	14.9	14.9	0	220	0	226	0	0	322	768	768
55-59	0.0	10.4	0.0	11.8	0.0	0.0	18.3	14.0	14.0	0	176	0	188	0	0	246	610	610
60-64	0.0	12.7	0.0	11.9	0.0	0.0	13.0	12.6	12.6	0	87	0	138	0	0	211	436	436
65-69	0.0	0.0	0.0	11.8	0.0	0.0	11.9	11.9	11.9	0	0	0	47	0	0	147	194	194
70-74	0.0	0.0	0.0	0.0	0.0	0.0	12.8	12.8	12.8	0	0	0	0	0	0	69	69	69

Table 4-2

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: BLOOD PRESSURE, ADMISSION, SYSTOLIC (MM HG)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	134.4	129.1	121.2	0.0	124.9	130.6	132.9	129.2	128.4	250	342	178	0	334	328	331	1763	1513
35-39	134.6	129.8	122.9	0.0	126.2	132.4	135.7	130.8	130.1	313	386	180	0	390	381	382	2032	1719
40-44	139.5	133.9	126.2	0.0	133.0	138.9	141.3	136.1	135.5	270	366	177	0	361	351	340	1865	1595
45-49	141.5	133.0	128.1	0.0	132.6	138.8	143.8	136.6	135.8	210	315	162	0	285	274	272	1518	1308
50-54	143.8	140.4	131.0	0.0	137.0	142.7	147.7	140.8	140.3	206	328	174	0	289	274	261	1532	1326
55-59	149.1	141.3	132.8	0.0	139.5	146.0	151.3	143.9	142.9	183	245	104	0	214	194	184	1124	941
60-62	152.3	146.9	136.2	0.0	147.3	153.2	154.2	149.9	149.0	63	55	10	0	43	37	32	240	177
WOMEN, AGE AT EXAM 1																		
29-34	122.2	116.0	111.1	0.0	115.1	120.0	123.4	118.2	117.6	266	408	236	0	399	399	400	2108	1842
35-39	125.1	121.3	117.0	0.0	121.7	127.9	130.6	124.5	124.4	365	508	255	0	498	490	492	2608	2243
40-44	132.0	127.0	120.6	0.0	126.9	132.3	135.5	129.7	129.3	320	448	226	0	440	436	436	2306	1986
45-49	141.1	136.5	128.0	0.0	134.8	139.2	144.9	137.8	137.4	238	399	227	0	388	369	380	2001	1763
50-54	150.3	142.7	135.8	0.0	141.2	148.3	152.7	145.4	144.7	240	384	213	0	360	347	336	1880	1640
55-59	155.6	149.1	140.7	0.0	149.4	154.6	158.3	151.8	151.2	224	325	170	0	306	291	280	1596	1372
60-62	159.3	150.6	145.6	0.0	151.8	167.1	162.4	157.4	156.8	58	51	12	0	45	41	45	252	194
MEN, AGE AT EXAM																		
29-34	134.4	128.1	122.5	0.0	0.0	0.0	0.0	131.4	127.3	250	161	25	0	0	0	0	436	186
35-39	134.6	129.7	120.8	0.0	124.1	128.0	0.0	129.1	126.6	313	425	185	0	87	9	0	1019	706
40-44	139.5	132.7	125.4	0.0	125.8	130.6	131.4	130.7	129.1	270	344	194	0	418	313	171	1710	1440
45-49	141.5	132.6	125.8	0.0	128.3	132.4	134.8	132.6	131.5	210	353	174	0	356	385	412	1890	1680
50-54	143.8	137.1	129.0	0.0	132.7	138.4	139.1	136.9	136.0	206	311	154	0	349	352	324	1696	1490
55-59	149.1	142.1	131.2	0.0	135.3	139.5	142.1	140.0	138.8	183	290	163	0	281	273	318	1508	1325
60-64	152.3	142.9	132.2	0.0	138.3	142.1	148.3	142.6	142.0	63	152	87	0	254	275	253	1084	1021
65-69	0.0	140.0	130.0	0.0	140.4	147.1	148.6	145.7	145.7	0	1	3	0	169	193	228	594	594
70-74	0.0	0.0	0.0	0.0	116.0	151.1	152.4	151.5	151.5	0	0	0	0	2	39	96	137	137
WOMEN, AGE AT EXAM																		
29-34	122.2	115.0	107.4	0.0	0.0	0.0	0.0	118.3	113.8	266	190	37	0	0	0	0	493	227
35-39	125.1	118.3	112.3	0.0	112.6	115.3	0.0	118.6	115.9	365	503	239	0	109	12	0	1228	863
40-44	132.0	124.5	117.5	0.0	118.0	119.8	121.1	122.1	120.4	320	482	253	0	493	381	195	2124	1804
45-49	141.1	131.3	121.6	0.0	122.6	128.1	128.0	128.2	126.8	238	408	228	0	465	489	502	2330	2092
50-54	150.3	140.2	129.5	0.0	129.5	132.2	133.1	135.0	133.1	240	404	230	0	429	441	468	2212	1972
55-59	155.6	148.3	137.3	0.0	138.4	139.2	140.4	142.6	140.9	224	359	210	0	389	374	392	1948	1724
60-64	159.3	149.1	141.0	0.0	145.8	148.8	150.7	148.3	147.8	58	177	139	0	332	344	370	1420	1362
65-69	0.0	0.0	154.3	0.0	149.7	154.1	155.8	153.5	153.5	0	0	3	0	215	288	291	797	797
70-74	0.0	0.0	0.0	0.0	152.5	167.5	161.4	162.6	162.6	0	0	0	0	4	44	151	199	199

Table 4-3

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: BLOOD PRESSURE, ADMISSION, DIASTOLIC (MM HG)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	81.4	78.5	75.8	0.0	77.7	80.3	84.8	80.0	79.8	250	342	178	0	334	328	331	1763	1513
35-39	83.4	79.7	78.3	0.0	78.8	80.8	85.0	81.2	80.8	313	386	180	0	390	381	382	2032	1719
40-44	86.2	82.3	79.9	0.0	81.8	83.0	87.4	83.6	83.2	270	366	177	0	361	351	340	1865	1595
45-49	86.4	81.8	79.5	0.0	79.9	80.4	85.8	82.3	81.6	210	315	162	0	285	274	272	1518	1308
50-54	87.3	84.9	81.0	0.0	80.6	81.7	86.5	83.7	83.1	206	327	174	0	289	274	262	1532	1326
55-59	86.6	82.4	80.1	0.0	78.9	80.1	85.3	82.3	81.4	183	245	104	0	214	194	184	1124	941
60-62	86.5	81.3	80.0	0.0	78.0	80.1	82.9	82.0	80.4	63	55	10	0	43	37	32	240	177
WOMEN, AGE AT EXAM 1																		
29-34	76.0	71.7	71.2	0.0	71.9	73.8	77.9	73.8	73.5	266	406	236	0	399	399	400	2106	1840
35-39	77.8	75.0	74.8	0.0	75.5	76.6	81.6	77.0	76.9	365	506	255	0	498	490	491	2605	2240
40-44	81.5	78.0	77.0	0.0	78.1	78.9	83.0	79.5	79.2	320	448	226	0	440	437	436	2307	1987
45-49	85.3	81.7	79.5	0.0	80.0	78.6	84.6	81.5	81.0	238	398	227	0	388	369	380	2000	1762
50-54	88.6	83.9	81.1	0.0	81.1	81.7	85.5	83.5	82.8	240	383	213	0	360	347	336	1879	1639
55-59	89.5	84.6	81.5	0.0	81.4	82.0	86.1	84.1	83.3	224	325	170	0	306	291	280	1596	1372
60-62	90.1	85.5	86.2	0.0	83.2	83.1	87.7	86.2	85.0	58	51	12	0	45	41	45	252	194
MEN, AGE AT EXAM																		
29-34	81.4	77.8	75.8	0.0	0.0	0.0	0.0	79.7	77.5	250	161	25	0	0	0	0	436	186
35-39	83.4	79.0	75.9	0.0	76.9	78.9	0.0	79.6	77.9	313	425	185	0	87	9	0	1019	706
40-44	86.2	81.6	79.6	0.0	78.3	80.1	84.0	81.2	80.3	270	344	194	0	418	313	171	1710	1440
45-49	86.4	81.5	79.4	0.0	80.3	81.0	85.2	82.3	81.8	210	353	174	0	356	385	412	1890	1680
50-54	87.3	84.2	80.2	0.0	81.0	82.8	86.8	83.7	83.3	206	310	154	0	349	352	324	1695	1489
55-59	86.6	83.8	80.7	0.0	80.8	80.7	86.1	83.2	82.7	183	290	163	0	281	273	318	1508	1325
60-64	86.5	82.1	79.4	0.0	79.3	81.4	87.1	82.5	82.2	63	152	87	0	254	275	254	1085	1022
65-69	0.0	80.0	78.0	0.0	78.5	80.5	85.1	81.7	81.7	0	1	3	0	169	193	228	594	594
70-74	0.0	0.0	0.0	0.0	57.0	79.5	85.0	83.0	83.0	0	0	0	0	2	39	96	137	137
WOMEN, AGE AT EXAM																		
29-34	76.0	71.2	68.5	0.0	0.0	0.0	0.0	73.6	70.7	266	188	37	0	0	0	0	491	225
35-39	77.8	73.2	72.4	0.0	69.7	68.8	0.0	74.1	72.5	365	501	239	0	109	12	0	1226	861
40-44	81.5	76.5	74.8	0.0	73.7	73.7	76.1	75.9	74.9	320	482	253	0	493	381	195	2124	1804
45-49	85.3	80.1	77.4	0.0	75.9	76.9	80.7	79.0	78.3	238	408	228	0	465	489	502	2330	2092
50-54	88.6	83.4	80.0	0.0	79.0	78.8	82.0	81.6	80.7	240	402	230	0	429	442	467	2210	1970
55-59	89.5	85.0	81.2	0.0	81.1	78.5	84.2	82.9	82.1	224	359	210	0	389	374	392	1948	1724
60-64	90.1	83.9	81.8	0.0	81.4	81.9	85.7	83.3	83.1	58	177	139	0	332	344	370	1420	1362
65-69	0.0	0.0	85.0	0.0	81.6	81.8	85.4	83.1	83.1	0	0	3	0	215	288	291	797	797
70-74	0.0	0.0	0.0	0.0	79.0	83.1	87.0	85.9	85.9	0	0	0	0	4	44	151	199	199

Table 4-4

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC (MM HG)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	131.2	127.1	125.6	127.2	127.9	129.7	129.0	128.3	127.8	392	361	338	343	340	332	333	2439	2047
35-39	132.5	127.4	126.4	128.1	129.3	131.0	131.3	129.5	128.9	443	408	385	396	393	385	382	2792	2349
40-44	135.5	131.9	131.3	132.9	135.0	136.3	138.2	134.4	134.2	422	385	355	376	366	357	342	2603	2181
45-49	137.7	131.9	131.9	135.1	135.9	137.6	138.6	135.5	135.0	357	325	297	303	290	277	273	2122	1765
50-54	141.0	138.2	135.7	137.9	138.4	139.7	142.8	139.1	138.7	374	343	304	313	294	277	262	2167	1793
55-59	144.5	141.8	140.0	140.1	141.2	142.7	146.2	142.3	141.9	279	253	231	229	217	195	186	1590	1311
60-62	150.8	145.8	143.6	145.9	146.6	147.3	149.6	147.1	146.2	69	57	50	48	43	37	32	336	267
WOMEN, AGE AT EXAM 1																		
29-34	121.6	117.5	116.4	118.3	119.8	123.2	124.9	120.2	120.0	458	431	397	413	407	404	400	2910	2452
35-39	125.9	122.8	120.8	125.3	126.9	129.5	131.7	126.1	126.1	584	532	488	514	509	494	492	3613	3029
40-44	131.5	128.8	127.9	131.2	133.7	134.9	136.0	131.9	132.0	511	473	442	455	447	439	437	3204	2693
45-49	141.9	139.0	135.5	139.2	140.6	140.6	144.5	140.2	139.9	451	421	385	405	394	374	380	2810	2359
50-54	150.5	147.0	142.7	145.9	147.6	147.4	149.5	147.3	146.6	432	404	377	379	364	351	339	2646	2214
55-59	154.6	152.4	151.9	153.3	154.0	155.4	156.7	154.0	153.9	372	343	311	316	311	294	283	2230	1858
60-62	159.4	156.5	153.9	149.9	157.0	161.7	156.7	156.4	155.7	65	56	56	50	46	42	46	361	296
MEN, AGE AT EXAM																		
29-34	131.2	125.2	125.6	0.0	0.0	0.0	0.0	129.2	125.2	392	170	29	0	0	0	0	591	199
35-39	132.5	127.6	125.5	126.7	127.2	129.1	0.0	128.3	126.7	443	449	386	252	89	9	0	1628	1185
40-44	135.5	131.1	128.3	128.4	128.4	129.6	128.1	130.1	129.0	422	359	392	423	423	316	172	2507	2085
45-49	137.7	130.9	130.6	132.1	131.5	131.2	130.2	132.0	131.1	357	371	343	346	362	390	413	2582	2225
50-54	141.0	135.6	133.3	133.4	135.3	135.8	135.7	135.9	134.9	374	323	278	349	353	358	325	2360	1986
55-59	144.5	140.7	136.5	137.0	137.7	138.0	138.2	138.9	138.0	279	302	295	288	285	276	319	2044	1765
60-64	150.8	143.2	139.4	140.6	139.8	139.3	142.9	141.2	140.7	69	157	221	259	259	278	255	1498	1429
65-69	0.0	135.0	147.7	144.5	141.9	143.5	143.8	143.4	143.4	0	1	16	91	170	194	229	701	701
70-74	0.0	0.0	0.0	0.0	116.0	146.0	147.1	146.3	146.3	0	0	0	0	2	39	97	138	138
WOMEN, AGE AT EXAM																		
29-34	121.6	116.7	111.4	0.0	0.0	0.0	0.0	119.7	115.8	458	197	39	0	0	0	0	694	236
35-39	125.9	119.6	117.3	117.6	117.8	116.4	0.0	120.5	118.3	584	531	444	297	111	12	0	1979	1395
40-44	131.5	125.6	121.2	123.7	122.1	123.0	122.2	124.4	123.1	511	510	483	531	507	386	195	3123	2612
45-49	141.9	133.9	130.6	129.3	129.4	129.8	129.4	131.9	130.3	451	429	441	466	469	493	501	3250	2799
50-54	150.5	144.7	136.5	137.7	136.0	134.6	133.7	139.1	137.1	432	425	380	407	436	444	469	2993	2561
55-59	154.6	151.5	143.8	144.4	144.1	140.4	140.6	145.6	144.1	372	376	366	387	396	379	393	2669	2297
60-64	159.4	153.2	153.0	152.5	152.5	148.1	149.2	151.4	151.1	65	192	275	334	337	348	372	1923	1858
65-69	0.0	0.0	155.3	152.9	153.2	155.0	152.4	153.6	153.6	0	0	28	110	217	290	292	937	937
70-74	0.0	0.0	0.0	0.0	150.0	161.0	159.1	159.3	159.3	0	0	0	0	5	46	155	206	206

Table 4-5

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC (MM HG)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	82.8	80.6	80.5	81.8	82.7	84.4	84.6	82.4	82.4	392	361	338	343	340	332	333	2439	2047
35-39	84.6	82.0	81.5	82.6	83.0	83.7	84.6	83.2	82.9	443	408	385	396	393	385	382	2792	2349
40-44	86.8	84.7	84.7	85.4	85.5	86.2	87.1	85.8	85.6	422	385	355	376	366	357	342	2603	2181
45-49	87.6	84.3	83.0	84.1	84.2	84.4	85.3	84.8	84.2	357	325	297	303	290	277	273	2122	1765
50-54	88.8	86.1	84.6	85.2	84.7	85.4	86.1	86.0	85.4	374	343	304	313	294	277	262	2167	1793
55-59	87.5	85.2	83.3	83.4	82.5	83.2	84.2	84.3	83.7	279	253	231	229	217	195	186	1590	1311
60-62	87.1	84.4	80.2	79.9	79.9	81.1	78.6	82.2	80.9	69	57	50	48	43	37	32	336	267
WOMEN, AGE AT EXAM 1																		
29-34	77.5	74.5	73.9	76.1	76.9	79.2	80.3	76.9	76.8	458	431	397	413	407	404	400	2910	2452
35-39	80.1	77.9	77.1	79.8	80.2	81.6	82.7	79.9	79.9	584	532	488	514	509	494	492	3613	3029
40-44	83.5	81.1	80.4	82.1	83.2	83.8	84.4	82.6	82.5	511	473	442	455	447	439	437	3204	2693
45-49	87.4	85.2	83.2	84.2	84.0	83.9	85.8	84.9	84.4	451	421	385	405	394	374	380	2810	2359
50-54	90.3	87.5	85.3	86.0	86.4	85.9	86.3	86.9	86.2	432	404	377	379	364	351	339	2646	2214
55-59	90.8	88.1	86.0	86.3	86.3	86.6	86.0	87.3	86.6	372	343	311	316	311	294	283	2230	1858
60-62	92.8	88.3	87.8	85.9	87.3	90.7	85.8	88.5	87.6	65	56	56	50	46	42	46	361	296
MEN, AGE AT EXAM																		
29-34	82.8	79.3	80.8	0.0	0.0	0.0	0.0	81.7	79.5	392	170	29	0	0	0	0	591	199
35-39	84.6	81.6	80.6	81.5	82.0	85.8	0.0	82.2	81.3	443	449	386	252	89	9	0	1628	1185
40-44	86.8	84.0	82.6	82.6	82.8	84.2	84.2	83.9	83.3	422	359	392	423	423	316	172	2507	2085
45-49	87.6	84.2	83.8	85.1	84.6	83.9	84.6	84.8	84.4	357	371	343	346	362	390	413	2582	2225
50-54	88.8	85.7	83.8	84.0	84.7	85.8	86.2	85.7	85.1	374	323	278	349	353	358	325	2360	1986
55-59	87.5	85.3	84.4	85.2	84.9	84.8	86.2	85.5	85.1	279	302	295	288	285	276	319	2044	1765
60-64	87.1	85.3	82.3	83.7	83.7	85.3	87.0	84.7	84.6	69	157	221	259	259	278	255	1498	1429
65-69	0.0	70.0	81.7	82.7	81.5	83.4	84.3	83.1	83.1	0	1	16	91	170	194	229	701	701
70-74	0.0	0.0	0.0	0.0	62.0	80.6	81.8	81.1	81.1	0	0	0	0	2	39	97	138	138
WOMEN, AGE AT EXAM																		
29-34	77.5	73.5	70.0	0.0	0.0	0.0	0.0	75.9	72.9	458	197	39	0	0	0	0	694	236
35-39	80.1	76.0	74.7	76.0	74.6	73.2	0.0	76.8	75.5	584	531	444	297	111	12	0	1979	1395
40-44	83.5	79.7	77.2	78.8	78.6	79.2	78.7	79.5	78.7	511	510	483	531	507	386	195	3123	2612
45-49	87.4	83.2	81.9	81.2	80.6	81.8	82.0	82.6	81.8	451	429	441	466	469	493	501	3250	2799
50-54	90.3	87.5	83.5	84.5	84.1	83.7	83.7	85.3	84.5	432	425	380	407	436	444	469	2993	2561
55-59	90.8	88.0	85.0	85.3	85.3	83.9	85.2	86.2	85.5	372	376	366	387	396	379	393	2669	2297
60-64	92.8	87.6	86.1	86.4	86.6	86.2	87.1	86.8	86.6	65	192	275	334	337	348	372	1923	1858
65-69	0.0	0.0	89.1	86.7	86.1	86.4	85.3	86.1	86.1	0	0	28	110	217	290	292	937	937
70-74	0.0	0.0	0.0	0.0	87.2	89.8	86.2	87.0	87.0	0	0	0	0	5	46	155	206	206

Table 4-6

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC (MM HG)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	128.6	125.0	123.2	125.8	127.3	129.0	129.1	126.9	126.5	365	343	321	301	307	319	325	2281	1916
35-39	130.2	125.3	123.5	127.0	128.5	130.6	131.3	128.1	127.7	409	391	356	340	362	365	376	2599	2190
40-44	132.4	130.4	129.6	130.7	133.1	133.3	136.6	132.6	132.6	387	357	331	333	329	342	335	2414	2027
45-49	134.8	129.0	129.3	132.9	132.7	137.1	138.3	133.4	133.1	322	312	278	279	259	263	270	1983	1661
50-54	137.9	136.2	132.9	135.2	137.8	138.2	141.9	137.1	136.9	349	326	285	289	250	272	259	2030	1681
55-59	141.6	138.6	136.9	138.4	139.1	141.2	144.3	140.0	139.6	257	239	213	202	192	189	184	1476	1219
60-62	143.5	144.4	140.5	143.5	144.9	144.6	146.1	143.8	143.8	64	57	48	39	39	37	31	315	251
WOMEN, AGE AT EXAM 1																		
29-34	119.3	116.3	116.2	117.3	118.9	122.1	123.8	119.2	119.1	418	399	372	346	367	389	388	2679	2261
35-39	122.2	122.1	121.7	123.5	124.7	127.9	130.8	124.7	125.2	544	504	449	438	451	479	484	3349	2805
40-44	128.9	126.4	127.2	129.6	131.2	133.0	134.8	130.1	130.4	469	452	410	402	413	422	428	2996	2527
45-49	136.7	137.1	135.8	137.2	138.9	140.1	143.3	138.4	138.7	404	392	369	353	347	357	372	2594	2190
50-54	145.2	145.2	141.5	144.1	145.2	145.2	148.3	144.9	144.9	404	381	346	332	318	335	335	2451	2047
55-59	149.4	151.1	149.5	150.8	151.4	153.6	155.1	151.5	151.9	348	325	288	278	276	282	278	2075	1727
60-62	154.5	152.6	155.6	147.7	152.9	160.1	155.0	154.0	153.9	61	56	51	46	45	42	45	346	285
MEN, AGE AT EXAM																		
29-34	128.6	123.8	122.7	0.0	0.0	0.0	0.0	126.9	123.7	365	162	27	0	0	0	0	554	189
35-39	130.2	125.2	123.3	124.8	125.2	130.1	0.0	126.1	124.5	409	429	367	219	75	9	0	1508	1099
40-44	132.4	129.0	125.3	127.5	128.1	128.8	127.8	128.5	127.7	387	337	365	370	390	304	167	2320	1933
45-49	134.8	129.3	128.7	129.8	130.5	130.7	130.5	130.6	130.0	322	353	317	299	329	369	405	2394	2072
50-54	137.9	132.2	131.0	131.2	132.2	134.9	134.3	133.5	132.7	349	308	261	323	323	343	319	2226	1877
55-59	141.6	138.6	134.1	134.7	135.9	137.6	137.5	137.1	136.4	257	283	275	267	250	262	316	1910	1653
60-64	143.5	140.8	135.7	138.7	139.5	137.8	141.8	139.2	139.0	64	152	205	232	218	273	251	1395	1331
65-69	0.0	138.0	143.9	142.2	138.8	142.0	143.3	141.8	141.8	0	1	15	73	151	188	227	655	655
70-74	0.0	0.0	0.0	0.0	135.0	142.7	143.7	143.3	143.3	0	0	0	0	2	39	95	136	136
WOMEN, AGE AT EXAM																		
29-34	119.3	114.9	110.5	0.0	0.0	0.0	0.0	117.5	114.1	418	181	39	0	0	0	0	638	220
35-39	122.2	119.2	117.3	116.8	116.6	116.3	0.0	119.2	117.9	544	503	405	246	99	12	0	1809	1265
40-44	128.9	123.6	122.3	121.8	121.3	121.9	121.0	123.2	122.1	469	480	453	454	455	371	187	2869	2400
45-49	136.7	131.8	130.0	127.9	126.1	128.2	128.4	129.8	128.7	404	403	407	405	419	478	491	3007	2603
50-54	145.2	143.3	136.2	135.6	133.9	132.5	132.5	136.9	135.5	404	401	367	359	398	427	460	2816	2412
55-59	149.4	149.7	142.6	142.7	142.5	140.1	139.7	143.8	142.9	348	359	332	340	347	362	383	2471	2123
60-64	154.5	150.4	151.0	150.5	149.4	145.6	147.5	149.0	148.8	61	182	254	291	298	333	368	1787	1726
65-69	0.0	0.0	153.4	149.0	150.8	153.6	151.6	151.8	151.8	0	0	28	100	197	277	289	891	891
70-74	0.0	0.0	0.0	0.0	148.0	159.1	157.0	157.3	157.3	0	0	0	0	4	46	152	202	202

Table 4-7

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC (MM HG)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	82.8	82.3	81.7	82.7	83.9	84.9	85.5	83.4	83.5	365	343	321	301	307	319	325	2281	1916
35-39	85.0	83.5	82.2	83.9	83.7	85.0	86.0	84.2	84.0	409	391	356	340	362	365	376	2599	2190
40-44	86.5	86.1	85.4	86.0	86.8	86.9	87.8	86.5	86.5	387	357	331	333	329	342	335	2414	2027
45-49	87.7	85.0	84.6	85.4	84.9	85.3	86.5	85.7	85.3	322	312	278	279	259	263	270	1983	1661
50-54	88.4	88.0	85.8	86.3	86.0	86.1	87.4	86.9	86.6	349	326	285	289	250	272	259	2030	1681
55-59	88.2	86.6	84.3	84.7	83.6	84.0	84.5	85.3	84.7	257	239	213	202	192	189	184	1476	1219
60-62	87.4	84.6	84.1	81.8	80.6	81.7	77.5	83.2	82.1	64	57	48	39	39	37	31	315	251
WOMEN, AGE AT EXAM 1																		
29-34	77.1	76.3	76.3	77.2	78.2	80.1	81.2	78.1	78.2	418	399	372	346	367	388	388	2678	2260
35-39	78.4	79.2	79.8	80.6	81.0	82.0	83.5	80.6	81.0	544	504	449	438	451	479	484	3349	2805
40-44	82.8	82.1	82.2	83.4	83.7	84.4	84.8	83.3	83.4	469	452	410	402	413	422	428	2996	2527
45-49	85.6	87.3	85.7	85.2	85.3	85.1	86.4	85.8	85.9	404	392	369	353	347	356	372	2593	2189
50-54	89.0	90.0	87.1	87.8	87.1	86.8	87.2	87.9	87.7	404	381	346	332	318	335	335	2451	2047
55-59	90.3	90.8	88.8	88.7	87.5	87.8	87.5	88.9	88.6	348	325	288	278	275	282	278	2074	1726
60-62	92.4	92.3	91.0	86.9	87.0	91.5	87.6	90.0	89.5	61	56	51	46	45	42	45	346	285
MEN, AGE AT EXAM																		
29-34	82.8	81.5	80.4	0.0	0.0	0.0	0.0	82.3	81.4	365	162	27	0	0	0	0	554	189
35-39	85.0	83.0	81.7	82.3	83.0	86.2	0.0	83.2	82.5	409	429	367	219	75	9	0	1508	1099
40-44	86.5	85.3	83.3	84.0	83.9	84.8	85.3	84.7	84.3	387	337	365	370	390	304	167	2320	1933
45-49	87.7	85.2	84.4	85.6	85.3	85.2	85.7	85.6	85.3	322	353	317	299	329	369	405	2394	2072
50-54	88.4	87.2	85.7	85.0	85.8	86.5	87.1	86.6	86.2	349	308	261	323	323	343	319	2226	1877
55-59	88.2	87.1	85.9	86.4	85.9	85.8	87.0	86.6	86.4	257	283	275	267	250	262	316	1910	1653
60-64	87.4	86.2	83.3	85.5	85.1	86.0	88.0	85.8	85.7	64	152	205	232	218	273	251	1395	1331
65-69	0.0	80.0	85.1	83.4	82.2	84.2	85.7	84.2	84.2	0	1	15	73	151	188	227	655	655
70-74	0.0	0.0	0.0	0.0	68.0	81.4	81.1	81.0	81.0	0	0	0	0	2	39	95	136	136
WOMEN, AGE AT EXAM																		
29-34	77.1	75.4	73.2	0.0	0.0	0.0	0.0	76.4	75.0	418	181	39	0	0	0	0	638	220
35-39	78.4	77.6	77.1	77.3	75.9	75.9	0.0	77.6	77.2	544	503	405	246	99	12	0	1809	1265
40-44	82.8	80.5	80.1	79.3	79.7	80.0	79.6	80.4	79.9	469	480	453	454	455	370	187	2868	2399
45-49	85.6	85.2	83.2	82.9	81.4	82.3	82.9	83.3	82.9	404	403	407	405	419	478	491	3007	2603
50-54	89.0	89.8	85.9	85.1	84.6	84.2	84.0	86.1	85.6	404	401	367	359	398	427	460	2816	2412
55-59	90.3	90.7	87.1	87.3	86.3	85.2	86.1	87.6	87.1	348	359	332	340	347	361	383	2470	2122
60-64	92.4	91.3	89.2	88.9	87.9	86.9	87.6	88.4	88.3	61	182	254	291	298	333	368	1787	1726
65-69	0.0	0.0	90.6	87.2	86.8	87.7	86.6	87.2	87.2	0	0	28	100	196	277	289	890	890
70-74	0.0	0.0	0.0	0.0	87.0	90.9	87.6	88.4	88.4	0	0	0	0	4	46	152	202	202

Table 4-8

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: BLOOD SUGAR (MG/100 ML)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	79.5	79.6	79.5	78.7	0.0	79.5	0.0	79.4	79.3	321	348	304	314	0	308	0	1595	1274
35-39	78.7	79.2	80.3	79.5	0.0	79.2	0.0	79.4	79.6	367	390	355	362	0	363	0	1837	1470
40-44	80.6	83.7	82.3	82.5	0.0	83.2	0.0	82.5	82.9	333	365	318	347	0	330	0	1693	1363
45-49	83.1	84.6	84.2	82.7	0.0	81.8	0.0	83.3	83.4	268	313	271	277	0	256	0	1385	1117
50-54	85.7	85.0	86.9	83.8	0.0	82.6	0.0	84.8	84.6	270	329	282	287	0	251	0	1419	1149
55-59	85.0	85.4	84.5	86.4	0.0	84.5	0.0	85.2	85.2	219	241	205	210	0	178	0	1053	834
60-62	87.9	90.3	96.7	94.7	0.0	87.9	0.0	91.3	92.5	66	57	44	45	0	32	0	244	178
WOMEN, AGE AT EXAM 1																		
29-34	77.9	78.9	78.2	77.1	0.0	77.4	0.0	77.9	77.9	360	401	349	365	0	371	0	1846	1486
35-39	78.7	80.2	80.7	79.7	0.0	79.3	0.0	79.7	80.0	442	494	412	449	0	436	0	2233	1791
40-44	81.4	81.3	81.2	79.6	0.0	80.0	0.0	80.7	80.5	394	444	386	392	0	378	0	1994	1600
45-49	82.4	82.6	82.9	83.3	0.0	84.7	0.0	83.2	83.3	312	395	342	332	0	317	0	1698	1386
50-54	85.1	86.5	87.7	83.7	0.0	84.6	0.0	85.6	85.7	312	383	324	327	0	308	0	1654	1342
55-59	89.6	86.4	88.8	85.4	0.0	86.8	0.0	87.4	86.8	274	318	273	281	0	252	0	1398	1124
60-62	81.6	84.6	86.2	91.4	0.0	85.5	0.0	85.6	86.9	59	47	51	45	0	38	0	240	181
MEN, AGE AT EXAM																		
29-34	79.5	80.0	80.2	0.0	0.0	0.0	0.0	79.7	80.0	321	167	27	0	0	0	0	515	194
35-39	78.7	79.2	79.8	78.4	0.0	78.9	0.0	79.1	79.2	367	426	351	233	0	9	0	1386	1019
40-44	80.6	81.5	80.3	78.9	0.0	79.6	0.0	80.1	80.0	333	340	357	386	0	294	0	1710	1377
45-49	83.1	84.7	82.8	82.5	0.0	78.8	0.0	82.3	82.2	268	357	312	321	0	366	0	1624	1356
50-54	85.7	84.9	84.5	82.4	0.0	83.3	0.0	84.1	83.7	270	314	249	317	0	330	0	1480	1210
55-59	85.0	84.1	86.3	83.6	0.0	81.9	0.0	84.2	84.0	219	288	275	261	0	257	0	1300	1081
60-64	87.9	88.6	87.1	86.1	0.0	82.8	0.0	85.9	85.8	66	150	193	238	0	251	0	898	832
65-69	0.0	100.0	99.8	90.7	0.0	84.7	0.0	87.4	87.4	0	1	15	86	0	178	0	280	280
70-74	0.0	0.0	0.0	0.0	0.0	87.7	0.0	87.7	87.7	0	0	0	0	0	33	0	33	33
WOMEN, AGE AT EXAM																		
29-34	77.9	78.1	78.5	0.0	0.0	0.0	0.0	78.0	78.2	360	187	37	0	0	0	0	584	224
35-39	78.7	79.7	78.5	77.5	0.0	72.4	0.0	78.7	78.7	442	490	384	262	0	11	0	1589	1147
40-44	81.4	80.6	80.7	79.0	0.0	77.4	0.0	79.9	79.5	394	476	407	464	0	355	0	2096	1702
45-49	82.4	82.4	81.4	78.8	0.0	79.4	0.0	80.8	80.4	312	402	388	402	0	436	0	1940	1628
50-54	85.1	84.1	84.3	83.6	0.0	80.1	0.0	83.3	83.0	312	404	338	333	0	382	0	1769	1457
55-59	89.6	86.8	87.5	82.1	0.0	84.5	0.0	86.0	85.2	274	352	317	336	0	320	0	1599	1325
60-64	81.6	87.4	89.2	86.5	0.0	84.8	0.0	86.5	86.8	59	171	240	298	0	306	0	1074	1015
65-69	0.0	0.0	84.4	88.4	0.0	86.4	0.0	86.8	86.8	0	0	26	96	0	248	0	370	370
70-74	0.0	0.0	0.0	0.0	0.0	86.2	0.0	86.2	86.2	0	0	0	0	0	42	0	42	42

Table 4-9

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: SERUM CHOLESTEROL (MG/100 ML)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	212.3	219.8	220.7	232.2	235.8	241.6	246.1	230.3	232.5	253	352	326	334	333	325	329	2252	1999
35-39	216.1	226.1	228.0	234.2	236.5	243.4	244.9	233.2	235.4	309	404	374	389	388	382	378	2624	2315
40-44	223.7	228.7	231.6	237.1	240.7	243.5	246.5	236.3	237.9	271	371	342	369	360	349	340	2402	2131
45-49	226.0	231.7	232.6	236.6	239.4	241.7	245.7	236.4	237.7	212	320	290	296	286	272	269	1945	1733
50-54	227.9	227.9	231.1	234.6	236.8	239.8	242.7	234.3	235.1	211	334	297	302	285	270	258	1957	1746
55-59	223.4	231.8	228.9	235.2	238.3	240.4	243.0	234.3	235.9	184	242	223	225	216	190	181	1461	1277
60-62	226.0	219.9	224.4	223.4	220.8	223.0	218.9	222.6	221.8	62	56	48	48	41	33	32	320	258
WOMEN, AGE AT EXAM 1																		
29-34	195.2	200.4	201.2	210.7	214.8	223.6	231.4	211.8	213.6	260	401	363	387	382	383	378	2554	2294
35-39	202.1	211.8	216.4	225.6	232.3	244.0	254.1	227.4	230.6	357	499	450	479	478	471	471	3205	2848
40-44	214.4	221.8	228.5	240.4	248.3	256.7	264.6	239.8	243.1	316	447	400	422	410	404	407	2806	2490
45-49	229.3	241.3	246.9	258.0	262.0	268.1	271.1	254.8	257.5	234	398	358	372	371	341	354	2428	2194
50-54	245.7	249.9	253.6	261.0	264.0	270.4	270.6	259.6	261.2	234	382	345	349	344	327	319	2300	2066
55-59	253.5	257.4	253.8	260.7	263.6	267.8	272.0	261.4	262.3	214	326	286	297	294	274	274	1965	1751
60-62	245.3	253.8	255.4	255.4	253.2	266.1	251.4	254.0	255.7	55	51	53	47	43	41	44	334	279
MEN, AGE AT EXAM																		
29-34	212.3	218.0	206.4	0.0	0.0	0.0	0.0	214.0	216.3	253	167	29	0	0	0	0	449	196
35-39	216.1	223.8	224.0	233.0	228.7	239.7	0.0	224.2	226.3	309	439	373	248	86	9	0	1464	1155
40-44	223.7	228.6	229.1	233.4	237.9	241.8	243.2	233.5	234.8	271	349	379	413	417	310	171	2310	2039
45-49	226.0	229.7	230.5	237.4	238.1	242.6	246.0	236.7	237.7	212	364	331	341	357	386	407	2398	2186
50-54	227.9	229.9	232.5	236.3	240.5	244.4	247.8	237.8	238.9	211	317	272	338	347	350	323	2158	1947
55-59	223.4	229.2	231.8	235.6	239.0	241.3	245.2	235.8	237.1	184	289	288	279	280	271	316	1907	1723
60-64	226.0	227.7	225.8	235.0	236.0	239.9	244.9	235.3	235.7	62	153	214	254	252	271	251	1457	1395
65-69	0.0	194.0	236.6	225.3	233.7	240.7	242.3	237.3	237.3	0	1	14	90	168	188	225	686	686
70-74	0.0	0.0	0.0	0.0	201.5	223.1	232.0	229.1	229.1	0	0	0	0	2	36	94	132	132
WOMEN, AGE AT EXAM																		
29-34	195.2	198.0	190.5	0.0	0.0	0.0	0.0	195.9	196.8	260	185	35	0	0	0	0	480	220
35-39	202.1	204.8	204.0	209.8	205.6	209.5	0.0	205.0	205.7	357	495	410	277	104	11	0	1654	1297
40-44	214.4	219.2	217.4	220.9	221.0	223.7	224.5	219.9	220.6	316	479	442	496	477	366	181	2757	2441
45-49	229.3	230.4	232.7	238.7	239.6	243.4	244.6	237.8	238.6	234	406	400	435	437	470	481	2863	2629
50-54	245.7	247.4	250.0	253.7	253.4	257.2	264.3	253.8	254.6	234	402	354	368	400	410	444	2612	2378
55-59	253.5	257.1	253.9	260.6	262.8	268.5	268.1	261.1	261.9	214	360	336	360	379	344	362	2355	2141
60-64	245.3	254.3	253.3	262.8	267.9	269.7	269.1	263.5	264.1	55	177	251	317	319	326	346	1791	1736
65-69	0.0	0.0	257.4	255.3	259.2	268.2	274.5	266.4	266.4	0	0	27	100	201	269	285	882	882
70-74	0.0	0.0	0.0	0.0	248.8	264.1	261.5	261.8	261.8	0	0	0	0	5	45	148	198	198

Table 4-10

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: NUMBER OF CIGARETTES SMOKED PER DAY BY CIGARETTE SMOKERS

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	22.4	0.0	0.0	23.0	23.4	0.0	25.8	23.5	24.0	259	0	0	215	205	0	196	875	616
35-39	23.1	0.0	0.0	22.9	23.5	0.0	26.1	23.8	24.1	328	0	0	266	257	0	238	1089	761
40-44	22.2	0.0	0.0	22.6	22.5	0.0	24.6	22.8	23.1	289	0	0	235	225	0	190	939	650
45-49	23.3	0.0	0.0	21.9	20.4	0.0	22.0	22.0	21.4	221	0	0	164	155	0	133	673	452
50-54	21.1	0.0	0.0	19.1	19.7	0.0	20.9	20.2	19.8	221	0	0	160	147	0	109	637	416
55-59	18.9	0.0	0.0	19.8	18.7	0.0	17.8	18.9	18.9	148	0	0	105	92	0	67	412	264
60-62	18.3	0.0	0.0	16.2	11.8	0.0	13.2	15.5	13.9	32	0	0	22	20	0	12	86	54
WOMEN, AGE AT EXAM 1																		
29-34	14.1	0.0	0.0	15.8	15.6	0.0	18.9	16.0	16.7	259	0	0	218	227	0	214	918	659
35-39	13.4	0.0	0.0	14.6	14.8	0.0	16.4	14.7	15.2	316	0	0	269	266	0	254	1105	789
40-44	13.1	0.0	0.0	15.5	14.6	0.0	17.5	15.0	15.8	238	0	0	193	191	0	170	792	554
45-49	13.1	0.0	0.0	14.7	14.4	0.0	16.2	14.5	15.0	138	0	0	118	115	0	101	472	334
50-54	11.7	0.0	0.0	13.4	13.1	0.0	13.7	12.9	13.4	136	0	0	100	103	0	86	425	289
55-59	11.6	0.0	0.0	11.9	11.3	0.0	10.3	11.3	11.2	77	0	0	59	64	0	56	256	179
60-62	13.0	0.0	0.0	11.3	12.9	0.0	13.0	12.5	12.2	10	0	0	9	7	0	5	31	21
MEN, AGE AT EXAM																		
29-34	22.4	0.0	0.0	0.0	0.0	0.0	0.0	22.4	0.0	259	0	0	0	0	0	0	259	0
35-39	23.1	0.0	0.0	22.3	20.9	0.0	0.0	22.7	22.0	328	0	0	153	49	0	0	530	202
40-44	22.2	0.0	0.0	23.4	24.7	0.0	25.8	23.7	24.3	289	0	0	290	268	0	101	948	659
45-49	23.3	0.0	0.0	22.6	22.5	0.0	26.5	23.8	24.0	221	0	0	221	236	0	257	935	714
50-54	21.1	0.0	0.0	22.1	22.0	0.0	24.9	22.4	23.0	221	0	0	199	202	0	193	815	594
55-59	18.9	0.0	0.0	19.6	20.4	0.0	23.2	20.6	21.2	148	0	0	146	151	0	164	609	461
60-64	18.3	0.0	0.0	19.2	17.9	0.0	21.3	19.3	19.4	32	0	0	116	119	0	108	375	343
65-69	0.0	0.0	0.0	18.1	17.1	0.0	19.2	18.2	18.2	0	0	0	42	74	0	91	207	207
70-74	0.0	0.0	0.0	0.0	8.0	0.0	13.9	13.5	13.5	0	0	0	0	2	0	31	33	33
WOMEN, AGE AT EXAM																		
29-34	14.1	0.0	0.0	0.0	0.0	0.0	0.0	14.1	0.0	259	0	0	0	0	0	0	259	0
35-39	13.4	0.0	0.0	15.5	15.6	0.0	0.0	14.2	15.5	316	0	0	145	60	0	0	521	205
40-44	13.1	0.0	0.0	14.9	15.4	0.0	18.1	15.0	15.6	238	0	0	287	285	0	103	913	675
45-49	13.1	0.0	0.0	15.2	14.7	0.0	17.0	15.3	15.7	138	0	0	212	220	0	266	836	698
50-54	11.7	0.0	0.0	15.1	15.2	0.0	17.9	15.3	16.3	136	0	0	128	169	0	210	643	507
55-59	11.6	0.0	0.0	14.0	12.9	0.0	17.4	14.2	14.8	77	0	0	107	107	0	122	413	336
60-64	13.0	0.0	0.0	12.3	12.6	0.0	14.1	13.1	13.1	10	0	0	68	92	0	95	265	255
65-69	0.0	0.0	0.0	10.6	11.0	0.0	12.1	11.5	11.5	0	0	0	19	39	0	66	124	124
70-74	0.0	0.0	0.0	0.0	10.0	0.0	9.2	9.3	9.3	0	0	0	0	1	0	24	25	25

Table 4-11

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: FRAMINGHAM RELATIVE WEIGHT (PERCENT)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	100.5	102.0	102.8	103.9	104.2	104.6	105.0	103.2	103.7	387	357	333	340	337	329	329	2412	2025
35-39	101.4	102.1	102.9	103.8	103.6	104.1	104.6	103.2	103.5	440	405	382	395	392	384	380	2778	2338
40-44	101.5	102.6	102.8	103.5	103.5	103.2	103.1	102.9	103.1	420	383	353	373	364	354	340	2587	2167
45-49	101.9	102.0	102.8	103.0	102.4	102.8	102.5	102.4	102.6	355	323	296	301	289	276	272	2112	1757
50-54	103.0	103.4	103.8	104.0	102.9	102.2	102.4	103.1	103.1	371	342	304	313	294	277	260	2161	1790
55-59	100.6	100.6	100.4	100.3	100.2	100.8	100.7	100.5	100.5	277	253	230	229	215	194	185	1583	1306
60-62	103.9	102.8	105.3	103.2	104.1	106.0	104.6	104.2	104.2	67	55	47	47	41	36	31	324	257
WOMEN, AGE AT EXAM 1																		
29-34	94.8	95.1	96.6	97.2	97.2	98.7	99.7	97.0	97.4	452	417	390	407	399	398	397	2860	2408
35-39	98.9	99.5	100.2	101.0	100.9	101.8	102.9	100.7	101.0	576	522	481	507	502	487	485	3560	2984
40-44	100.4	101.1	101.3	101.6	101.7	101.7	101.8	101.4	101.5	508	470	437	451	444	436	432	3178	2670
45-49	105.0	104.8	104.5	105.6	104.8	104.3	104.3	104.8	104.7	449	419	384	404	392	372	378	2798	2349
50-54	108.3	107.2	107.3	107.4	106.2	106.2	106.5	107.0	106.8	429	402	375	375	360	349	336	2626	2197
55-59	109.3	108.3	107.4	108.2	107.1	106.2	104.9	107.4	107.1	371	342	311	316	309	294	282	2225	1854
60-62	112.9	112.9	112.6	109.4	108.0	110.4	109.3	111.0	110.6	64	54	55	48	44	40	44	349	285
MEN, AGE AT EXAM																		
29-34	100.5	102.6	106.7	0.0	0.0	0.0	0.0	101.4	103.2	387	169	29	0	0	0	0	585	198
35-39	101.4	101.8	102.7	104.9	104.9	111.1	0.0	102.6	103.1	440	443	381	250	89	9	0	1612	1172
40-44	101.5	102.5	103.0	103.4	104.1	104.6	106.1	103.4	103.7	420	359	389	420	420	313	171	2492	2072
45-49	101.9	101.9	102.4	103.2	103.1	104.0	104.3	103.0	103.2	355	368	341	346	361	389	408	2568	2213
50-54	103.0	103.2	103.3	103.0	103.3	103.2	103.6	103.2	103.3	371	322	277	345	351	355	325	2346	1975
55-59	100.6	101.7	103.8	104.8	103.1	103.0	102.6	102.8	103.1	277	301	295	288	284	275	317	2037	1760
60-64	103.9	101.6	100.6	100.8	101.4	102.1	103.2	101.8	101.7	67	155	219	259	258	278	253	1489	1422
65-69	0.0	84.0	99.4	101.2	101.1	100.8	101.1	101.0	101.0	0	1	14	90	167	193	228	693	693
70-74	0.0	0.0	0.0	0.0	99.5	104.7	101.7	102.5	102.5	0	0	0	0	2	38	95	135	135
WOMEN, AGE AT EXAM																		
29-34	94.8	94.0	92.8	0.0	0.0	0.0	0.0	94.4	93.8	452	189	37	0	0	0	0	678	226
35-39	98.9	97.3	98.0	97.5	95.6	102.1	0.0	97.9	97.5	576	518	438	292	106	11	0	1941	1365
40-44	100.4	99.9	99.9	100.0	98.8	98.7	99.3	99.6	99.5	508	505	476	525	501	381	194	3090	2582
45-49	105.0	103.8	101.9	101.2	100.6	101.8	101.3	102.2	101.7	449	427	437	461	464	486	496	3220	2771
50-54	108.3	106.6	105.6	105.7	103.0	101.5	101.8	104.6	103.9	429	422	379	405	434	441	462	2972	2543
55-59	109.3	108.3	107.3	106.3	106.3	104.4	104.2	106.6	106.1	371	375	364	383	392	377	391	2653	2282
60-64	112.9	109.3	107.8	107.9	107.3	106.3	106.0	107.4	107.2	64	190	274	334	334	346	367	1909	1845
65-69	0.0	0.0	108.3	109.5	105.9	106.0	105.7	106.3	106.3	0	0	28	108	215	290	293	934	934
70-74	0.0	0.0	0.0	0.0	106.3	111.0	105.2	106.5	106.5	0	0	0	0	4	44	151	199	199

Table 4-12

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: HEMATOCRIT (PERCENT)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	0.0	0.0	0.0	47.1	48.0	48.1	48.7	48.0	48.0	0	0	0	327	327	319	322	1295	1295
35-39	0.0	0.0	0.0	47.0	47.9	48.2	48.4	47.9	47.9	0	0	0	377	383	364	366	1490	1490
40-44	0.0	0.0	0.0	46.8	47.7	48.2	48.5	47.8	47.8	0	0	0	342	356	338	327	1363	1363
45-49	0.0	0.0	0.0	46.4	47.3	47.8	48.3	47.4	47.4	0	0	0	283	281	262	262	1088	1088
50-54	0.0	0.0	0.0	46.5	47.3	48.0	48.5	47.5	47.5	0	0	0	290	278	266	254	1088	1088
55-59	0.0	0.0	0.0	46.4	47.1	47.8	47.7	47.2	47.2	0	0	0	213	210	185	177	785	785
60-62	0.0	0.0	0.0	46.4	47.2	47.6	46.2	46.8	46.8	0	0	0	46	40	32	31	149	149
WOMEN, AGE AT EXAM 1																		
29-34	0.0	0.0	0.0	42.2	42.8	43.4	44.3	43.2	43.2	0	0	0	375	372	371	366	1484	1484
35-39	0.0	0.0	0.0	42.2	43.1	43.8	44.5	43.4	43.4	0	0	0	457	471	449	453	1830	1830
40-44	0.0	0.0	0.0	43.0	43.4	44.3	45.0	43.9	43.9	0	0	0	397	401	397	383	1578	1578
45-49	0.0	0.0	0.0	43.1	43.7	44.3	45.1	44.0	44.0	0	0	0	346	367	330	335	1378	1378
50-54	0.0	0.0	0.0	43.2	44.0	44.6	45.1	44.2	44.2	0	0	0	336	336	314	308	1294	1294
55-59	0.0	0.0	0.0	43.4	43.6	44.3	44.9	44.0	44.0	0	0	0	282	288	262	262	1094	1094
60-62	0.0	0.0	0.0	42.9	43.8	44.8	44.6	44.0	44.0	0	0	0	45	42	40	43	170	170
MEN, AGE AT EXAM																		
29-34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0
35-39	0.0	0.0	0.0	47.0	47.7	46.8	0.0	47.2	47.2	0	0	0	243	85	9	0	337	337
40-44	0.0	0.0	0.0	47.1	48.1	48.2	48.7	47.9	47.9	0	0	0	401	412	305	166	1284	1284
45-49	0.0	0.0	0.0	46.8	47.7	48.2	48.4	47.8	47.8	0	0	0	317	350	367	395	1429	1429
50-54	0.0	0.0	0.0	46.6	47.6	48.2	48.5	47.7	47.7	0	0	0	321	343	339	313	1316	1316
55-59	0.0	0.0	0.0	46.5	47.5	47.8	48.4	47.6	47.6	0	0	0	267	276	262	306	1111	1111
60-64	0.0	0.0	0.0	46.3	47.0	48.0	48.4	47.4	47.4	0	0	0	242	241	266	249	998	998
65-69	0.0	0.0	0.0	46.3	47.1	47.9	48.1	47.6	47.6	0	0	0	87	166	184	220	657	657
70-74	0.0	0.0	0.0	0.0	48.0	47.1	47.0	47.1	47.1	0	0	0	0	2	34	90	126	126
WOMEN, AGE AT EXAM																		
29-34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0
35-39	0.0	0.0	0.0	42.0	42.4	42.9	0.0	42.2	42.2	0	0	0	266	100	11	0	377	377
40-44	0.0	0.0	0.0	42.2	42.9	43.4	44.1	42.9	42.9	0	0	0	477	468	355	175	1475	1475
45-49	0.0	0.0	0.0	42.8	43.3	43.8	44.3	43.6	43.6	0	0	0	407	432	448	464	1751	1751
50-54	0.0	0.0	0.0	43.2	43.6	44.2	45.0	44.1	44.1	0	0	0	345	389	401	422	1557	1557
55-59	0.0	0.0	0.0	43.2	43.8	44.4	45.0	44.1	44.1	0	0	0	348	373	333	346	1400	1400
60-64	0.0	0.0	0.0	43.3	43.9	44.6	45.1	44.2	44.2	0	0	0	299	315	314	332	1260	1260
65-69	0.0	0.0	0.0	43.4	43.6	44.3	44.9	44.2	44.2	0	0	0	96	195	257	268	816	816
70-74	0.0	0.0	0.0	0.0	43.8	44.8	44.8	44.8	44.8	0	0	0	0	5	44	143	192	192

Table 4-13

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: HEMOGLOBIN (DECIGRAMS/100 ML)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	144.9	141.1	144.0	148.5	152.3	152.5	0.0	147.2	147.6	243	349	324	332	332	318	0	1898	1655
35-39	143.5	141.6	145.3	148.2	151.2	153.3	0.0	147.3	147.9	301	389	372	381	385	366	0	2194	1893
40-44	144.0	141.5	144.8	147.0	150.4	153.3	0.0	146.9	147.3	262	366	338	362	359	341	0	2028	1766
45-49	142.4	141.1	142.9	146.1	149.0	151.6	0.0	145.5	146.0	202	314	286	291	285	263	0	1641	1439
50-54	142.5	140.7	143.7	145.5	148.8	151.1	0.0	145.3	145.7	202	328	296	300	280	268	0	1674	1472
55-59	139.1	139.0	141.9	145.0	147.9	152.1	0.0	144.1	144.9	174	241	216	223	213	187	0	1254	1080
60-62	139.7	139.3	144.8	145.3	147.4	151.2	0.0	143.7	144.8	62	57	46	46	40	31	0	282	220
WOMEN, AGE AT EXAM 1																		
29-34	125.9	125.3	127.0	129.8	132.6	134.6	0.0	129.4	129.8	251	401	365	385	377	377	0	2156	1905
35-39	125.5	125.6	127.5	129.6	133.7	136.8	0.0	129.9	130.6	343	495	441	476	474	455	0	2684	2341
40-44	126.6	126.3	128.7	132.2	134.8	138.6	0.0	131.3	132.0	297	443	405	419	407	395	0	2366	2069
45-49	127.8	127.8	130.5	133.7	136.5	138.8	0.0	132.7	133.3	223	394	356	360	369	334	0	2036	1813
50-54	128.9	128.3	131.1	133.8	136.4	139.7	0.0	133.1	133.7	219	382	338	350	340	322	0	1951	1732
55-59	129.4	127.7	131.0	133.6	135.4	138.7	0.0	132.7	133.1	203	318	285	291	289	266	0	1652	1449
60-62	127.0	130.2	130.9	132.6	134.5	140.4	0.0	132.2	133.4	54	47	53	47	42	39	0	282	228
MEN, AGE AT EXAM																		
29-34	144.9	142.2	140.4	0.0	0.0	0.0	0.0	143.6	142.0	243	168	28	0	0	0	0	439	196
35-39	143.5	140.7	144.4	148.5	151.4	147.0	0.0	144.2	144.4	301	425	372	246	86	9	0	1439	1138
40-44	144.0	141.9	145.1	148.5	152.2	152.6	0.0	147.6	148.1	262	341	378	405	416	304	0	2106	1844
45-49	142.4	140.7	144.2	146.8	150.8	153.4	0.0	146.8	147.3	202	357	326	335	353	369	0	1942	1740
50-54	142.5	141.8	143.7	146.5	149.8	153.3	0.0	146.8	147.3	202	315	266	333	347	342	0	1805	1603
55-59	139.1	139.2	143.3	145.8	149.5	151.6	0.0	145.0	145.7	174	287	288	276	278	263	0	1566	1392
60-64	139.7	139.7	142.4	144.9	147.9	151.2	0.0	145.6	145.9	62	150	205	252	245	268	0	1182	1120
65-69	0.0	144.0	143.1	144.7	147.7	152.3	0.0	148.8	148.8	0	1	15	88	167	186	0	457	457
70-74	0.0	0.0	0.0	0.0	145.0	149.9	0.0	149.7	149.7	0	0	0	0	2	33	0	35	35
WOMEN, AGE AT EXAM																		
29-34	125.9	124.6	125.7	0.0	0.0	0.0	0.0	125.4	124.8	251	187	37	0	0	0	0	475	224
35-39	125.5	125.1	126.9	129.1	131.4	132.3	0.0	126.7	127.1	343	491	407	275	102	12	0	1630	1287
40-44	126.6	126.7	128.1	129.9	133.0	134.7	0.0	129.9	130.3	297	475	436	494	471	361	0	2534	2237
45-49	127.8	127.0	128.9	131.6	134.0	136.8	0.0	131.4	131.8	223	402	406	428	436	453	0	2348	2125
50-54	128.9	128.3	131.0	133.6	135.8	138.5	0.0	133.0	133.5	219	403	347	361	394	399	0	2123	1904
55-59	129.4	127.9	130.5	133.7	136.6	138.8	0.0	133.1	133.5	203	351	332	360	377	337	0	1960	1757
60-64	127.0	128.2	131.2	133.4	136.2	139.8	0.0	134.2	134.5	54	171	251	311	317	322	0	1426	1372
65-69	0.0	0.0	131.6	134.4	135.0	138.7	0.0	136.4	136.4	0	0	27	99	196	261	0	583	583
70-74	0.0	0.0	0.0	0.0	129.4	140.2	0.0	139.1	139.1	0	0	0	0	5	43	0	48	48

Table 4-14

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: PHOSPHOLIPID (MG/100 ML)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	162.8	181.0	230.0	270.1	0.0	0.0	277.4	226.8	239.5	252	342	271	334	0	0	325	1524	1272
35-39	169.9	193.9	237.5	273.5	0.0	0.0	279.6	233.2	246.3	306	383	327	388	0	0	374	1778	1472
40-44	173.9	192.6	238.5	276.6	0.0	0.0	281.3	235.2	247.6	269	346	288	365	0	0	328	1596	1327
45-49	182.7	188.0	232.5	272.3	0.0	0.0	279.5	232.9	242.4	208	299	242	293	0	0	266	1308	1100
50-54	182.0	187.2	228.2	267.4	0.0	0.0	272.9	228.8	237.3	204	314	249	302	0	0	251	1320	1116
55-59	177.6	194.2	237.3	268.1	0.0	0.0	274.7	230.4	242.2	180	222	183	225	0	0	176	986	806
60-62	183.0	191.9	242.3	275.2	0.0	0.0	256.3	224.9	239.8	61	48	45	47	0	0	32	233	172
WOMEN, AGE AT EXAM 1																		
29-34	149.5	162.7	207.2	249.1	0.0	0.0	270.6	211.8	222.9	254	383	296	383	0	0	370	1686	1432
35-39	158.1	174.2	223.8	264.7	0.0	0.0	285.9	224.3	237.5	355	475	376	475	0	0	461	2142	1787
40-44	164.7	184.1	235.0	277.8	0.0	0.0	295.3	234.0	247.7	311	429	329	415	0	0	400	1884	1573
45-49	182.2	196.6	242.3	288.0	0.0	0.0	301.3	245.9	256.5	229	386	285	367	0	0	347	1614	1385
50-54	187.4	206.2	246.1	289.9	0.0	0.0	299.8	248.5	259.3	231	365	288	346	0	0	311	1541	1310
55-59	195.5	208.6	246.3	288.0	0.0	0.0	296.7	248.9	259.0	210	308	240	291	0	0	268	1317	1107
60-62	195.0	215.7	267.4	296.0	0.0	0.0	286.9	249.9	265.8	54	48	49	47	0	0	43	241	187
MEN, AGE AT EXAM																		
29-34	162.8	174.5	190.7	0.0	0.0	0.0	0.0	168.4	176.2	252	164	19	0	0	0	0	435	183
35-39	169.9	190.5	234.7	268.8	0.0	0.0	0.0	211.6	224.6	306	416	315	248	0	0	0	1285	979
40-44	173.9	194.9	239.4	274.6	0.0	0.0	277.0	231.8	244.4	269	329	328	413	0	0	168	1507	1238
45-49	182.7	192.2	232.2	276.3	0.0	0.0	278.7	238.3	246.9	208	340	282	336	0	0	402	1568	1360
50-54	182.0	183.5	233.9	272.7	0.0	0.0	283.0	235.9	245.3	204	299	225	335	0	0	314	1377	1173
55-59	177.6	191.3	230.2	267.6	0.0	0.0	280.0	234.9	244.3	180	268	241	280	0	0	311	1280	1100
60-64	183.0	193.1	236.8	268.0	0.0	0.0	274.5	245.7	250.4	61	137	183	253	0	0	245	879	818
65-69	0.0	200.0	254.7	270.3	0.0	0.0	273.7	271.8	271.8	0	1	12	89	0	0	221	323	323
70-74	0.0	0.0	0.0	0.0	0.0	0.0	265.5	265.5	265.5	0	0	0	0	0	0	91	91	91
WOMEN, AGE AT EXAM																		
29-34	149.5	158.3	169.8	0.0	0.0	0.0	0.0	154.1	159.7	254	179	25	0	0	0	0	458	204
35-39	158.1	168.4	213.9	247.3	0.0	0.0	0.0	191.6	202.7	355	466	336	274	0	0	0	1431	1076
40-44	164.7	183.0	224.1	261.3	0.0	0.0	263.5	217.3	228.2	311	465	374	492	0	0	175	1817	1506
45-49	182.2	187.1	238.0	274.8	0.0	0.0	279.5	239.6	247.7	229	388	328	428	0	0	475	1848	1619
50-54	187.4	205.1	244.1	286.2	0.0	0.0	294.7	249.4	259.1	231	390	280	364	0	0	434	1699	1468
55-59	195.5	208.4	245.3	289.1	0.0	0.0	298.2	252.7	261.7	210	340	282	356	0	0	355	1543	1333
60-64	195.0	207.3	247.2	289.4	0.0	0.0	300.3	267.2	271.0	54	166	213	310	0	0	339	1082	1028
65-69	0.0	0.0	272.7	293.5	0.0	0.0	300.4	296.9	296.9	0	0	25	100	0	0	275	400	400
70-74	0.0	0.0	0.0	0.0	0.0	0.0	290.5	290.5	290.5	0	0	0	0	0	0	147	147	147

Table 4-15

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: URIC ACID (MG/100 ML)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	4.8	5.2	5.0	5.0	0.0	0.0	0.0	5.0	5.0	254	351	324	330	0	0	0	1259	1005
35-39	4.9	5.1	4.9	5.1	0.0	0.0	0.0	5.0	5.0	309	403	370	388	0	0	0	1470	1161
40-44	4.8	5.2	5.0	5.1	0.0	0.0	0.0	5.0	5.1	269	369	340	362	0	0	0	1340	1071
45-49	5.0	5.1	4.9	5.0	0.0	0.0	0.0	5.0	5.0	212	320	287	294	0	0	0	1113	901
50-54	4.8	5.2	5.0	5.0	0.0	0.0	0.0	5.0	5.0	210	334	298	298	0	0	0	1140	930
55-59	4.8	5.0	4.9	4.9	0.0	0.0	0.0	4.9	4.9	184	242	220	224	0	0	0	870	686
60-62	5.0	5.1	5.1	5.2	0.0	0.0	0.0	5.1	5.1	62	55	48	47	0	0	0	212	150
WOMEN, AGE AT EXAM 1																		
29-34	3.4	3.7	3.6	3.6	0.0	0.0	0.0	3.6	3.7	259	399	364	381	0	0	0	1403	1144
35-39	3.6	3.8	3.7	3.7	0.0	0.0	0.0	3.7	3.7	356	498	446	471	0	0	0	1771	1415
40-44	3.8	3.9	3.8	3.9	0.0	0.0	0.0	3.8	3.9	314	444	394	417	0	0	0	1569	1255
45-49	3.9	4.2	4.1	4.0	0.0	0.0	0.0	4.1	4.1	234	394	352	369	0	0	0	1349	1115
50-54	4.0	4.2	4.1	4.1	0.0	0.0	0.0	4.1	4.2	232	378	342	343	0	0	0	1295	1063
55-59	4.1	4.3	4.2	4.3	0.0	0.0	0.0	4.2	4.3	212	325	283	293	0	0	0	1113	901
60-62	4.2	4.1	4.0	4.2	0.0	0.0	0.0	4.1	4.1	55	51	53	47	0	0	0	206	151
MEN, AGE AT EXAM																		
29-34	4.8	5.2	5.0	0.0	0.0	0.0	0.0	5.0	5.2	254	167	29	0	0	0	0	450	196
35-39	4.9	5.1	5.0	5.0	0.0	0.0	0.0	5.0	5.0	309	437	371	244	0	0	0	1361	1052
40-44	4.8	5.1	4.9	5.0	0.0	0.0	0.0	5.0	5.0	269	347	375	413	0	0	0	1404	1135
45-49	5.0	5.1	5.0	5.1	0.0	0.0	0.0	5.1	5.1	212	364	326	334	0	0	0	1236	1024
50-54	4.8	5.1	4.9	5.0	0.0	0.0	0.0	5.0	5.0	210	317	272	336	0	0	0	1135	925
55-59	4.8	5.1	5.0	5.0	0.0	0.0	0.0	5.0	5.1	184	289	289	274	0	0	0	1036	852
60-64	5.0	5.0	4.9	5.0	0.0	0.0	0.0	5.0	5.0	62	152	211	253	0	0	0	678	616
65-69	0.0	3.6	4.8	4.9	0.0	0.0	0.0	4.9	4.9	0	1	14	89	0	0	0	104	104
70-74	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0
WOMEN, AGE AT EXAM																		
29-34	3.4	3.6	3.8	0.0	0.0	0.0	0.0	3.5	3.6	259	184	35	0	0	0	0	478	219
35-39	3.6	3.7	3.6	3.7	0.0	0.0	0.0	3.7	3.7	356	493	410	273	0	0	0	1532	1176
40-44	3.6	3.9	3.7	3.7	0.0	0.0	0.0	3.7	3.8	314	476	438	489	0	0	0	1717	1403
45-49	3.9	4.0	3.8	3.9	0.0	0.0	0.0	3.9	3.9	234	403	395	427	0	0	0	1459	1225
50-54	4.0	4.3	4.1	4.0	0.0	0.0	0.0	4.1	4.1	232	399	348	367	0	0	0	1346	1114
55-59	4.1	4.3	4.2	4.2	0.0	0.0	0.0	4.2	4.2	212	357	332	353	0	0	0	1254	1042
60-64	4.2	4.2	4.2	4.2	0.0	0.0	0.0	4.2	4.2	55	177	249	312	0	0	0	793	738
65-69	0.0	0.0	3.9	4.3	0.0	0.0	0.0	4.2	4.2	0	0	27	100	0	0	0	127	127
70-74	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0

Table 4-16

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: VITAL CAPACITY (DECILITERS)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5			1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	41.2	40.9	40.7	40.8	41.8	41.0	39.8	40.9	40.9	385	357	334	342	340	332	330	2420	2035
35-39	39.7	39.3	39.1	39.3	39.6	38.6	37.7	39.1	38.9	440	405	383	397	393	385	379	2782	2342
40-44	37.6	36.8	36.5	37.0	37.3	36.1	35.5	36.7	36.5	415	379	353	375	365	357	342	2586	2171
45-49	36.7	36.1	35.7	35.6	36.0	35.0	34.0	35.6	35.4	355	322	296	298	288	276	269	2104	1749
50-54	35.4	34.2	34.2	33.6	34.3	33.5	32.5	34.0	33.8	373	338	303	311	293	274	260	2152	1779
55-59	33.4	32.6	32.1	31.9	31.6	31.8	30.3	32.0	31.8	277	250	230	227	217	192	181	1574	1297
60-62	31.4	30.9	30.6	30.8	28.7	28.7	28.6	30.2	29.9	64	55	49	48	43	37	31	327	263
WOMEN, AGE AT EXAM 1																		
29-34	29.2	28.9	29.3	29.9	30.3	29.4	28.7	29.4	29.4	455	424	395	410	404	403	398	2889	2434
35-39	28.1	28.0	28.1	28.4	28.6	27.8	26.9	28.0	28.0	580	524	480	510	505	493	489	3581	3001
40-44	26.3	26.3	26.3	26.6	26.5	25.7	24.9	26.1	26.1	508	471	439	452	446	438	433	3187	2679
45-49	25.3	24.3	24.4	24.8	24.9	24.2	23.5	24.5	24.4	450	416	380	400	393	373	376	2788	2338
50-54	23.3	22.7	22.8	22.7	23.0	22.4	21.8	22.7	22.6	429	396	375	377	362	351	333	2623	2194
55-59	22.0	21.3	21.4	21.4	21.5	20.8	20.0	21.2	21.1	366	332	310	312	308	293	277	2198	1832
60-62	21.1	20.9	20.2	20.7	20.1	19.3	18.3	20.2	20.0	65	55	56	49	45	41	44	355	290
MEN, AGE AT EXAM																		
29-34	41.2	41.8	43.4	0.0	0.0	0.0	0.0	41.5	42.0	385	168	29	0	0	0	0	582	197
35-39	39.7	39.8	40.5	41.0	43.6	45.6	0.0	40.4	40.6	440	445	382	252	89	9	0	1617	1177
40-44	37.6	38.1	38.7	39.6	40.9	40.9	41.1	39.4	39.8	415	354	390	422	423	316	170	2490	2075
45-49	36.7	36.2	36.1	37.4	38.7	38.6	38.3	37.5	37.6	355	366	341	346	361	390	410	2569	2214
50-54	35.4	35.2	35.0	36.0	36.7	36.1	36.4	35.9	35.9	373	321	277	344	352	358	324	2349	1976
55-59	33.4	33.2	34.0	33.9	35.2	35.0	34.4	34.1	34.3	277	299	294	286	284	275	317	2032	1755
60-64	31.4	31.5	31.5	32.3	33.5	33.4	33.4	32.7	32.7	64	152	220	257	258	275	251	1477	1413
65-69	0.0	32.0	30.8	31.0	30.4	32.0	30.9	31.1	31.1	0	1	15	91	170	191	227	695	695
70-74	0.0	0.0	0.0	0.0	25.5	28.5	29.2	28.9	28.9	0	0	0	0	2	39	93	134	134
WOMEN, AGE AT EXAM																		
29-34	29.2	29.3	30.7	0.0	0.0	0.0	0.0	29.3	29.5	455	194	39	0	0	0	0	688	233
35-39	28.1	28.5	29.2	29.9	31.3	31.4	0.0	28.9	29.3	580	523	442	295	111	12	0	1963	1383
40-44	26.3	27.1	27.6	28.9	29.5	29.4	29.2	28.1	28.5	508	504	475	527	503	385	195	3097	2589
45-49	25.3	25.3	26.2	27.1	28.0	27.8	27.6	26.8	27.0	450	425	437	463	466	492	500	3233	2783
50-54	23.3	23.3	23.8	25.0	26.2	25.7	25.7	24.7	25.0	429	420	375	404	435	443	464	2970	2541
55-59	22.0	22.1	22.7	23.2	23.6	24.3	24.2	23.2	23.3	366	367	365	382	395	378	389	2642	2276
60-64	21.1	20.4	21.0	21.9	22.7	22.4	22.4	21.9	21.9	65	185	274	333	334	348	366	1905	1840
65-69	0.0	0.0	19.9	20.2	21.1	20.8	20.8	20.7	20.7	0	0	28	106	215	289	287	925	925
70-74	0.0	0.0	0.0	0.0	19.0	19.4	19.1	19.2	19.2	0	0	0	0	4	45	149	198	198

Table 4-17

MEAN VALUE OF CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: WEIGHT (POUNDS)

	MEAN VALUE OF CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	169.1	171.5	173.3	175.0	175.5	176.4	176.9	173.8	174.7	392	360	336	343	340	332	332	2435	2043
35-39	169.2	170.1	171.6	173.2	172.8	173.7	174.6	172.1	172.6	442	406	383	396	393	385	381	2786	2344
40-44	167.8	169.9	170.2	171.7	171.6	171.6	171.3	170.5	171.0	422	385	354	375	366	356	342	2600	2178
45-49	166.7	167.3	168.8	168.9	167.9	168.6	168.1	168.0	168.3	357	325	297	302	290	277	273	2121	1764
50-54	168.7	169.2	169.5	169.8	168.3	167.0	167.2	168.6	168.6	373	342	304	313	294	277	260	2163	1790
55-59	162.3	162.5	162.1	161.6	161.6	162.6	162.6	162.2	162.1	279	253	230	229	215	194	185	1585	1306
60-62	163.8	161.7	165.9	163.5	164.1	167.8	165.7	164.4	164.5	69	57	49	48	43	37	32	335	266
WOMEN, AGE AT EXAM 1																		
29-34	131.9	132.5	134.6	135.5	135.5	137.6	139.1	135.2	135.8	455	420	393	410	402	401	400	2881	2426
35-39	136.9	137.8	138.5	139.8	139.7	141.1	142.7	139.4	139.9	583	528	485	513	508	493	491	3601	3018
40-44	138.5	139.5	139.9	140.4	140.3	140.6	140.7	139.9	140.2	511	473	440	454	447	439	435	3199	2688
45-49	144.6	144.6	144.2	145.3	144.4	143.8	143.6	144.4	144.3	451	420	385	404	393	373	379	2805	2354
50-54	148.7	147.1	147.4	147.4	145.8	145.7	146.3	147.0	146.6	432	404	377	378	362	351	338	2642	2210
55-59	149.5	148.3	147.1	148.0	146.6	145.0	143.4	147.0	146.5	372	342	311	316	309	294	282	2226	1854
60-62	153.3	153.4	152.8	147.8	146.1	149.3	147.3	150.4	149.7	65	55	56	49	45	41	45	356	291
MEN, AGE AT EXAM																		
29-34	169.1	172.9	183.6	0.0	0.0	0.0	0.0	170.9	174.4	392	169	29	0	0	0	0	590	198
35-39	169.2	170.1	172.4	176.9	178.4	193.1	0.0	172.0	173.1	442	447	384	252	89	9	0	1623	1181
40-44	167.8	170.3	171.8	172.4	174.5	176.4	179.2	172.5	173.5	422	359	390	422	423	316	171	2503	2081
45-49	166.7	168.1	169.2	171.9	171.1	173.5	174.5	170.8	171.5	357	371	342	346	362	390	412	2580	2223
50-54	168.7	169.0	169.2	169.6	171.2	171.5	172.4	170.2	170.5	373	323	278	348	353	357	325	2357	1984
55-59	162.3	165.6	169.3	170.8	168.3	169.0	169.7	167.9	168.8	279	301	295	288	285	276	319	2043	1764
60-64	163.8	162.5	162.0	163.1	165.5	166.8	168.7	164.9	165.0	69	157	220	259	258	278	254	1495	1426
65-69	0.0	114.0	156.5	161.9	161.9	162.7	164.0	162.6	162.6	0	1	15	91	169	193	228	697	697
70-74	0.0	0.0	0.0	0.0	145.0	166.3	162.7	163.5	163.5	0	0	0	0	2	39	96	137	137
WOMEN, AGE AT EXAM																		
29-34	131.9	131.7	131.8	0.0	0.0	0.0	0.0	131.8	131.7	455	190	38	0	0	0	0	683	228
35-39	136.9	134.9	136.3	136.2	134.1	145.7	0.0	136.0	135.6	583	523	441	295	107	12	0	1961	1378
40-44	138.5	137.9	137.8	138.5	137.1	137.5	139.0	138.0	137.9	511	510	480	530	506	383	195	3115	2604
45-49	144.6	143.4	141.0	139.9	139.1	141.1	140.6	141.3	140.8	451	428	439	465	468	492	502	3245	2794
50-54	148.7	146.5	145.6	145.6	142.3	140.3	140.8	144.1	143.4	432	425	380	405	436	444	466	2988	2556
55-59	149.5	148.7	147.4	145.6	145.8	143.9	144.1	146.4	145.9	372	375	366	386	395	378	392	2664	2292
60-64	153.3	149.0	147.2	148.3	147.6	145.9	145.4	147.3	147.0	65	191	275	334	334	348	370	1917	1852
65-69	0.0	0.0	146.9	148.1	144.5	144.7	144.9	145.2	145.2	0	0	28	109	216	290	293	936	936
70-74	0.0	0.0	0.0	0.0	142.2	150.3	143.3	144.8	144.8	0	0	0	0	4	45	152	201	201

Table 4-18

PERCENT WITH CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: ECG DEFINITELY ABNORMAL

	PERCENT WITH CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	2.0	3.6	2.4	4.1	5.9	6.9	6.9	4.5	4.9	392	361	338	343	340	332	333	2439	2047
35-39	4.1	4.2	7.0	5.5	6.9	9.1	10.2	6.6	7.1	443	408	385	397	393	385	382	2793	2350
40-44	4.5	4.4	5.4	8.8	8.5	13.4	13.1	8.1	8.8	422	385	355	376	365	357	343	2603	2181
45-49	5.3	7.4	10.1	10.2	11.4	13.0	15.0	10.1	11.1	357	324	297	303	290	277	273	2121	1764
50-54	9.4	12.2	11.8	15.0	13.6	18.8	23.3	14.4	15.5	374	343	304	313	294	277	262	2167	1793
55-59	11.5	13.4	18.2	24.9	23.0	25.1	27.4	19.8	21.6	279	253	231	229	217	195	186	1590	1311
60-62	17.4	22.8	22.0	22.9	25.6	43.2	34.4	25.3	27.3	69	57	50	48	43	37	32	336	267
WOMEN, AGE AT EXAM 1																		
29-34	1.5	2.8	2.0	2.4	2.5	4.0	4.0	2.7	2.9	458	431	397	413	407	404	400	2910	2452
35-39	2.7	1.3	1.6	3.1	4.7	4.6	6.1	3.4	3.6	584	532	488	514	509	495	494	3616	3032
40-44	2.5	4.0	3.2	4.0	4.9	6.6	6.2	4.4	4.8	511	473	442	454	447	439	437	3203	2692
45-49	4.4	6.9	6.0	7.2	9.1	7.0	10.5	7.2	7.8	451	420	385	405	394	374	380	2809	2358
50-54	7.4	10.9	12.7	12.7	16.2	16.0	18.0	13.2	14.3	432	404	377	379	364	351	339	2646	2214
55-59	8.1	10.5	13.8	16.1	15.4	17.0	20.1	14.1	15.3	372	343	311	316	311	294	283	2230	1858
60-62	4.6	16.1	8.9	18.0	10.9	19.0	21.7	13.6	15.5	65	56	56	50	46	42	46	361	296
MEN, AGE AT EXAM																		
29-34	2.0	3.5	0.0	0.0	0.0	0.0	0.0	2.4	3.0	392	170	29	0	0	0	0	591	199
35-39	4.1	4.2	3.4	3.6	6.7	0.0	0.0	4.0	4.0	443	449	386	252	89	9	0	1628	1185
40-44	4.5	4.5	6.1	5.0	6.1	7.0	5.2	5.5	5.7	422	359	392	423	423	316	172	2507	2085
45-49	5.3	4.3	6.1	9.5	8.3	9.0	9.7	7.5	7.9	357	371	343	347	362	390	413	2583	2226
50-54	9.4	11.8	11.5	8.9	7.7	13.1	10.7	10.4	10.6	374	322	278	349	352	358	326	2359	1985
55-59	11.5	11.6	11.9	14.6	13.3	13.8	14.7	13.1	13.3	279	302	295	288	285	276	319	2044	1765
60-64	17.4	19.1	19.5	22.8	17.4	18.7	21.2	19.7	19.8	69	157	221	259	259	278	255	1498	1429
65-69	0.0	0.0	31.3	22.0	23.5	24.7	25.8	24.5	24.5	0	1	16	91	170	194	229	701	701
70-74	0.0	0.0	0.0	0.0	0.0	43.6	27.8	31.9	31.9	0	0	0	0	2	39	97	138	138
WOMEN, AGE AT EXAM																		
29-34	1.5	4.1	0.0	0.0	0.0	0.0	0.0	2.2	3.4	458	197	39	0	0	0	0	694	236
35-39	2.7	1.1	2.3	2.4	2.7	0.0	0.0	2.1	1.9	584	531	444	297	111	12	0	1979	1395
40-44	2.5	2.9	1.4	2.8	3.7	3.9	3.6	2.9	3.0	511	510	483	531	507	386	195	3123	2612
45-49	4.4	5.1	3.9	3.7	4.3	4.9	5.2	4.5	4.5	451	428	441	465	469	493	503	3250	2799
50-54	7.4	9.4	7.4	6.9	4.4	6.5	6.4	6.9	6.8	432	425	380	407	436	445	469	2994	2562
55-59	8.1	11.2	13.1	10.6	14.4	7.1	7.6	10.3	10.7	372	376	366	387	396	379	393	2669	2297
60-64	4.6	12.0	13.1	16.5	16.6	15.8	15.9	14.9	15.3	65	192	275	334	337	348	372	1923	1858
65-69	0.0	0.0	10.7	16.4	13.8	16.6	19.5	16.6	16.6	0	0	28	110	217	290	293	938	938
70-74	0.0	0.0	0.0	0.0	0.0	21.7	20.8	20.5	20.5	0	0	0	0	5	46	154	205	205

Table 4-19

PERCENT WITH CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: DEFINITE OR DOUBTFUL LEFT VENTRICULAR HYPERTROPHY BY ECG

	PERCENT WITH CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	1.5	1.4	1.2	2.6	2.6	2.7	2.1	2.0	2.1	392	361	338	343	340	332	333	2439	2047
35-39	2.7	2.9	2.3	2.3	2.8	2.3	3.7	2.7	2.7	443	408	385	397	393	385	382	2793	2350
40-44	3.1	2.9	1.7	3.2	3.0	2.5	4.7	3.0	3.0	422	385	355	376	365	357	343	2603	2181
45-49	4.5	6.2	4.0	5.3	5.2	4.7	6.6	5.2	5.3	357	324	297	303	290	277	273	2121	1764
50-54	5.1	7.6	6.2	4.8	5.4	4.7	6.9	5.8	6.0	374	343	304	313	294	277	262	2167	1793
55-59	9.7	9.5	10.4	12.7	11.5	8.7	7.0	10.0	10.1	279	253	231	229	217	195	186	1590	1311
60-62	11.6	19.3	8.0	8.3	14.0	16.2	6.2	12.2	12.4	69	57	50	48	43	37	32	336	267
WOMEN, AGE AT EXAM 1																		
29-34	0.7	2.1	1.3	1.0	1.2	1.2	0.7	1.2	1.3	458	431	397	413	407	404	400	2910	2452
35-39	0.5	0.6	0.4	1.2	0.8	0.8	0.6	0.7	0.7	584	532	488	514	509	495	494	3616	3032
40-44	1.4	2.3	1.1	1.1	2.0	2.1	1.4	1.6	1.7	511	473	442	454	447	439	437	3203	2692
45-49	1.6	4.0	1.8	2.2	2.8	2.7	3.9	2.7	2.9	451	420	385	405	394	374	380	2809	2358
50-54	5.8	9.9	6.4	8.2	8.0	7.7	9.1	7.8	8.2	432	404	377	379	364	351	339	2646	2214
55-59	4.3	9.3	8.7	9.8	9.3	9.5	9.9	8.6	9.4	372	343	311	316	311	294	283	2230	1858
60-62	3.1	1.8	3.6	8.0	6.5	7.1	6.5	5.0	5.4	65	56	56	50	46	42	46	361	296
MEN, AGE AT EXAM																		
29-34	1.5	1.2	3.4	0.0	0.0	0.0	0.0	1.5	1.5	392	170	29	0	0	0	0	591	199
35-39	2.7	2.4	0.8	2.4	3.4	0.0	0.0	2.1	1.9	443	449	386	252	89	9	0	1628	1185
40-44	3.1	3.3	2.8	2.1	2.4	2.8	1.7	2.7	2.6	422	359	392	423	423	316	172	2507	2085
45-49	4.5	3.5	2.0	3.5	3.3	2.3	3.1	3.2	3.0	357	371	343	347	362	390	413	2583	2226
50-54	5.1	7.5	5.0	4.3	3.1	2.2	3.4	4.3	4.2	374	322	278	349	352	358	326	2359	1985
55-59	9.7	7.9	5.4	4.9	5.3	5.1	6.0	6.3	5.8	279	302	295	288	285	276	319	2044	1765
60-64	11.6	14.6	10.9	11.6	9.7	4.7	7.5	9.5	9.4	69	157	221	259	259	278	255	1498	1429
65-69	0.0	0.0	12.5	8.8	10.0	8.8	6.6	8.4	8.4	0	1	16	91	170	194	229	701	701
70-74	0.0	0.0	0.0	0.0	0.0	15.4	8.2	10.1	10.1	0	0	0	0	2	39	97	138	138
WOMEN, AGE AT EXAM																		
29-34	0.7	2.0	0.0	0.0	0.0	0.0	0.0	1.0	1.7	458	197	39	0	0	0	0	694	236
35-39	0.5	1.3	1.1	0.7	1.8	0.0	0.0	1.0	1.1	584	531	444	297	111	12	0	1979	1395
40-44	1.4	1.4	0.4	0.9	1.0	1.3	1.0	1.1	1.0	511	510	483	531	507	386	195	3123	2612
45-49	1.6	2.8	1.4	1.5	0.9	0.8	0.6	1.3	1.3	451	428	441	465	469	493	503	3250	2799
50-54	5.8	6.6	2.4	2.0	2.3	2.0	0.9	3.1	2.7	432	425	380	407	436	445	469	2994	2562
55-59	4.3	10.9	7.1	5.4	4.8	2.6	2.3	5.3	5.5	372	376	366	387	396	379	393	2669	2297
60-64	3.1	7.3	8.0	11.4	8.6	7.8	7.5	8.3	8.5	65	192	275	334	337	348	372	1923	1858
65-69	0.0	0.0	7.1	8.2	9.7	9.7	9.6	9.4	9.4	0	0	28	110	217	290	293	938	938
70-74	0.0	0.0	0.0	0.0	0.0	6.5	9.7	8.8	8.8	0	0	0	0	5	46	154	205	2[illegible]

Table 4-20

PERCENT WITH CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: DEFINITE NON-SPECIFIC T-WAVE ABNORMALITY BY ECG

	PERCENT WITH CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	1.0	2.2	1.5	2.0	3.2	3.9	3.3	2.4	2.7	392	361	338	343	340	332	333	2439	2047
35-39	2.9	2.5	4.7	2.8	4.3	4.7	5.2	3.8	4.0	443	408	385	397	393	385	382	2793	2350
40-44	1.7	1.6	2.3	5.1	4.1	7.8	7.6	4.2	4.7	422	385	355	376	365	357	343	2603	2181
45-49	2.2	3.1	5.1	5.0	5.5	4.7	5.1	4.3	4.7	357	324	297	303	290	277	273	2121	1764
50-54	5.1	4.1	5.3	6.7	5.8	7.9	11.5	6.4	6.7	374	343	304	313	294	277	262	2167	1793
55-59	2.5	3.6	6.9	9.6	8.8	6.7	9.1	6.5	7.3	279	253	231	229	217	195	186	1590	1311
60-62	7.2	12.3	12.0	10.4	11.6	16.2	12.5	11.3	12.4	69	57	50	48	43	37	32	336	267
WOMEN, AGE AT EXAM 1																		
29-34	0.9	1.4	0.8	1.2	1.5	2.7	3.2	1.6	1.8	458	431	397	413	407	404	400	2910	2452
35-39	1.7	0.8	1.2	1.9	3.1	3.2	4.5	2.3	2.4	584	532	488	514	509	495	494	3616	3032
40-44	1.6	2.7	2.3	2.6	2.9	3.2	3.4	2.7	2.9	511	473	442	454	447	439	437	3203	2692
45-49	2.0	4.0	3.1	4.2	5.1	3.5	5.0	3.8	4.2	451	420	385	405	394	374	380	2809	2358
50-54	3.0	5.7	8.0	6.3	7.4	7.7	9.7	6.7	7.4	432	404	377	379	364	351	339	2646	2214
55-59	3.5	4.4	7.1	9.5	7.7	6.5	8.1	6.5	7.2	372	343	311	316	311	294	283	2230	1858
60-62	1.5	12.5	3.6	12.0	2.2	14.3	15.2	8.3	9.8	65	56	56	50	46	42	46	361	296
MEN, AGE AT EXAM																		
29-34	1.0	2.4	0.0	0.0	0.0	0.0	0.0	1.4	2.0	392	170	29	0	0	0	0	591	199
35-39	2.9	2.4	2.1	1.6	3.4	0.0	0.0	2.4	2.2	443	449	386	252	89	9	0	1628	1185
40-44	1.7	1.9	3.8	2.4	3.5	4.1	1.7	2.8	3.0	422	359	392	423	423	316	172	2507	2085
45-49	2.2	1.6	2.9	5.8	4.7	4.4	4.8	3.8	4.0	357	371	343	347	362	390	413	2583	2226
50-54	5.1	4.7	5.4	4.3	4.3	7.8	7.1	5.5	5.6	374	322	278	349	352	358	326	2359	1985
55-59	2.5	3.3	5.8	6.9	5.6	5.1	6.6	5.1	5.6	279	302	295	288	285	276	319	2044	1765
60-64	7.2	7.0	7.2	8.9	6.2	7.9	11.0	8.1	8.1	69	157	221	259	259	278	255	1498	1429
65-69	0.0	0.0	18.8	8.8	10.6	6.2	8.3	8.6	8.6	0	1	16	91	170	194	229	701	701
70-74	0.0	0.0	0.0	0.0	0.0	17.9	8.2	10.9	10.9	0	0	0	0	2	39	97	138	138
WOMEN, AGE AT EXAM																		
29-34	0.9	1.5	0.0	0.0	0.0	0.0	0.0	1.0	1.3	458	197	39	0	0	0	0	694	236
35-39	1.7	0.9	1.1	1.3	1.8	0.0	0.0	1.3	1.1	584	531	444	297	111	12	0	1979	1395
40-44	1.6	1.6	1.0	2.1	2.8	2.6	2.1	1.9	2.0	511	510	483	531	507	386	195	3123	2612
45-49	2.0	4.0	2.7	1.7	2.1	3.4	4.6	3.0	3.1	451	428	441	465	469	493	503	3250	2799
50-54	3.0	4.7	4.2	4.9	2.5	3.1	4.1	3.8	3.9	432	425	380	407	436	445	469	2994	2562
55-59	3.5	4.5	6.8	4.4	7.3	3.4	3.6	4.8	5.0	372	376	366	387	396	379	393	2669	2297
60-64	1.5	7.8	7.3	9.6	7.4	7.8	7.5	7.7	7.9	65	192	275	334	337	348	372	1923	1858
65-69	0.0	0.0	7.1	10.9	7.4	6.2	10.2	8.3	8.3	0	0	28	110	217	290	293	938	938
70-74	0.0	0.0	0.0	0.0	0.0	15.2	9.1	10.2	10.2	0	0	0	0	5	46	154	205	205

Table 4-21

PERCENT WITH CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: SMOKING NOW

	PERCENT WITH CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	77.6	0.0	0.0	74.0	71.8	0.0	73.5	74.3	73.1	388	0	0	339	340	0	332	1399	1011
35-39	83.7	0.0	0.0	76.2	75.8	0.0	73.5	77.5	75.2	441	0	0	386	392	0	381	1600	1159
40-44	79.8	0.0	0.0	73.1	72.1	0.0	68.1	73.6	71.2	421	0	0	361	366	0	342	1490	1069
45-49	80.2	0.0	0.0	72.2	68.3	0.0	63.1	71.6	68.0	354	0	0	295	290	0	271	1210	856
50-54	73.7	0.0	0.0	64.3	65.4	0.0	58.3	66.1	62.9	369	0	0	305	292	0	259	1225	856
55-59	72.2	0.0	0.0	61.8	59.4	0.0	53.5	62.7	58.5	277	0	0	225	217	0	185	904	627
60-62	72.1	0.0	0.0	70.2	67.4	0.0	59.4	68.4	66.4	68	0	0	47	43	0	32	190	122
WOMEN, AGE AT EXAM 1																		
29-34	56.7	0.0	0.0	53.0	56.2	0.0	53.8	55.0	54.3	457	0	0	411	404	0	398	1670	1213
35-39	54.8	0.0	0.0	52.5	52.8	0.0	51.8	53.1	52.4	580	0	0	512	504	0	490	2086	1506
40-44	46.8	0.0	0.0	42.8	43.1	0.0	39.1	43.1	41.7	509	0	0	451	443	0	435	1838	1329
45-49	30.8	0.0	0.0	29.2	29.6	0.0	26.6	29.1	28.5	448	0	0	404	389	0	380	1621	1173
50-54	31.7	0.0	0.0	26.6	28.3	0.0	25.5	28.2	26.8	429	0	0	376	364	0	337	1506	1077
55-59	20.8	0.0	0.0	18.8	20.6	0.0	19.9	20.1	19.8	370	0	0	313	310	0	282	1275	905
60-62	15.4	0.0	0.0	18.0	15.6	0.0	10.9	15.0	14.9	65	0	0	50	45	0	46	206	141
MEN, AGE AT EXAM																		
29-34	77.6	0.0	0.0	0.0	0.0	0.0	0.0	77.6	0.0	388	0	0	0	0	0	0	388	0
35-39	83.7	0.0	0.0	71.5	67.4	0.0	0.0	77.9	70.4	441	0	0	249	89	0	0	779	338
40-44	79.8	0.0	0.0	78.2	74.9	0.0	72.7	77.0	75.9	421	0	0	412	423	0	172	1428	1007
45-49	80.2	0.0	0.0	74.3	74.5	0.0	75.2	76.1	74.7	354	0	0	335	361	0	412	1462	1108
50-54	73.7	0.0	0.0	70.9	69.1	0.0	70.1	71.0	70.0	369	0	0	340	353	0	324	1386	1017
55-59	72.2	0.0	0.0	67.6	68.3	0.0	65.5	68.3	67.1	277	0	0	281	284	0	319	1161	884
60-64	72.1	0.0	0.0	59.8	62.4	0.0	58.4	61.2	60.2	68	0	0	251	258	0	250	827	759
65-69	0.0	0.0	0.0	66.7	61.8	0.0	57.6	60.7	60.7	0	0	0	90	170	0	229	489	489
70-74	0.0	0.0	0.0	0.0	100.0	0.0	50.0	51.0	51.0	0	0	0	0	2	0	96	98	98
WOMEN, AGE AT EXAM																		
29-34	56.7	0.0	0.0	0.0	0.0	0.0	0.0	56.7	0.0	457	0	0	0	0	0	0	457	0
35-39	54.8	0.0	0.0	49.2	54.5	0.0	0.0	53.1	50.6	580	0	0	295	110	0	0	985	405
40-44	46.8	0.0	0.0	54.3	56.5	0.0	52.8	52.6	55.0	509	0	0	529	504	0	195	1737	1228
45-49	30.8	0.0	0.0	45.9	47.6	0.0	53.3	44.7	49.1	448	0	0	462	462	0	499	1871	1423
50-54	31.7	0.0	0.0	31.4	38.9	0.0	45.1	37.0	38.8	429	0	0	407	434	0	466	1736	1307
55-59	20.8	0.0	0.0	27.9	27.3	0.0	31.1	26.9	28.8	370	0	0	384	392	0	392	1538	1168
60-64	15.4	0.0	0.0	20.6	27.4	0.0	25.6	24.0	24.6	65	0	0	330	336	0	371	1102	1037
65-69	0.0	0.0	0.0	17.3	18.1	0.0	22.8	20.1	20.1	0	0	0	110	216	0	290	616	616
70-74	0.0	0.0	0.0	0.0	20.0	0.0	15.5	15.6	15.6	0	0	0	0	5	0	155	160	160

Table 4-22

PERCENT WITH CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: URINE ALBUMIN, DEFINITE OR TRACE

	PERCENT WITH CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
EN, AGE AT EXAM 1																		
29-34	2.9	0.3	1.2	0.0	2.4	3.8	0.9	1.9	1.7	380	356	332	0	337	318	317	2040	1660
35-39	2.1	0.2	1.6	0.0	2.3	2.6	2.2	1.8	1.8	433	403	381	0	390	379	367	2353	1920
40-44	3.4	1.3	0.6	0.0	3.0	2.9	4.5	2.6	2.4	413	379	351	0	363	346	332	2184	1771
45-49	3.4	0.6	1.7	0.0	4.5	4.0	4.2	3.0	2.9	355	323	296	0	287	272	261	1794	1439
50-54	3.5	1.8	3.7	0.0	8.0	7.8	7.9	5.2	5.6	367	336	301	0	289	270	253	1816	1449
55-59	4.4	4.0	3.9	0.0	7.4	6.9	4.5	5.1	5.3	274	252	229	0	215	189	176	1335	1061
60-62	4.5	3.6	16.0	0.0	11.6	14.3	3.3	8.6	9.9	67	55	50	0	43	35	30	280	213
WOMEN, AGE AT EXAM 1																		
29-34	8.1	2.4	4.2	0.0	6.3	3.3	1.8	4.5	3.6	456	418	382	0	395	389	386	2426	1970
35-39	6.9	2.3	4.1	0.0	6.3	4.0	1.5	4.2	3.6	569	522	465	0	495	479	479	3009	2440
40-44	8.0	3.9	5.0	0.0	5.7	4.0	1.9	4.8	4.1	502	456	421	0	439	428	423	2669	2167
45-49	8.1	3.4	2.4	0.0	7.1	5.4	1.4	4.7	3.9	444	417	377	0	392	371	368	2369	1925
50-54	7.5	4.0	4.6	0.0	7.8	5.0	4.2	5.6	5.1	429	400	372	0	360	341	332	2234	1805
55-59	5.8	2.6	4.2	0.0	10.0	4.6	3.4	5.1	5.0	365	341	309	0	310	283	262	1870	1505
60-62	4.7	0.0	5.4	0.0	2.3	2.6	4.8	3.3	3.0	64	56	56	0	43	39	42	300	236
MEN, AGE AT EXAM																		
29-34	2.9	0.6	0.0	0.0	0.0	0.0	0.0	2.1	0.5	380	169	29	0	0	0	0	578	198
35-39	2.1	0.2	1.1	0.0	3.4	11.1	0.0	1.3	1.0	433	441	380	0	87	9	0	1350	917
40-44	3.4	1.1	2.1	0.0	2.4	3.3	1.2	2.3	2.1	413	354	387	0	421	304	166	2045	1632
45-49	3.4	0.5	0.6	0.0	1.9	2.9	1.0	1.7	1.4	355	368	340	0	360	382	394	2199	1844
50-54	3.5	1.6	1.8	0.0	3.4	2.6	3.8	2.8	2.7	367	318	276	0	348	347	315	1971	1604
55-59	4.4	2.0	3.8	0.0	7.8	4.8	4.5	4.5	4.5	274	299	293	0	282	271	308	1727	1453
60-64	4.5	5.2	5.9	0.0	4.7	7.4	7.3	6.1	6.2	67	154	219	0	256	271	245	1212	1145
65-69	0.0	0.0	12.5	0.0	10.7	6.4	4.7	7.1	7.1	0	1	16	0	168	188	215	588	588
70-74	0.0	0.0	0.0	0.0	50.0	16.2	6.5	9.8	9.8	0	0	0	0	2	37	93	132	132
WOMEN, AGE AT EXAM																		
29-34	8.1	2.1	0.0	0.0	0.0	0.0	0.0	6.0	1.8	456	187	37	0	0	0	0	680	224
35-39	6.9	2.7	4.4	0.0	7.5	0.0	0.0	4.9	3.8	569	521	430	0	107	11	0	1638	1069
40-44	8.0	3.2	4.1	0.0	5.9	3.2	0.5	4.7	3.8	502	495	459	0	493	372	188	2509	2007
45-49	8.1	2.6	4.5	0.0	5.7	4.2	2.1	4.5	3.8	444	421	419	0	457	479	486	2706	2262
50-54	7.5	4.0	3.7	0.0	6.2	3.9	1.5	4.5	3.9	429	421	374	0	432	432	455	2543	2114
55-59	5.8	2.9	4.1	0.0	7.7	5.3	2.1	4.7	4.5	365	373	362	0	392	376	381	2249	1884
60-64	4.7	3.1	3.7	0.0	9.6	5.0	2.5	4.9	4.9	64	192	273	0	334	338	361	1562	1498
65-69	0.0	0.0	7.1	0.0	7.9	4.3	4.6	5.5	5.5	0	0	28	0	215	279	284	806	806
70-74	0.0	0.0	0.0	0.0	0.0	4.7	2.9	3.3	3.3	0	0	0	0	4	43	137	184	184

Table 4-23

PERCENT WITH CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: URINE SUGAR, DEFINITE OR TRACE

	PERCENT WITH CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	2.1	0.8	0.6	1.2	2.1	1.9	0.9	1.4	1.3	381	357	333	335	337	319	318	2380	1999
35-39	1.4	0.5	0.8	1.3	2.1	1.3	1.1	1.2	1.2	433	404	381	394	390	379	367	2748	2315
40-44	3.6	1.8	2.0	2.2	2.8	2.0	2.7	2.5	2.2	413	380	352	372	363	346	332	2558	2145
45-49	3.9	2.8	3.4	3.7	2.1	2.9	1.5	3.0	2.8	355	324	296	301	287	272	261	2096	1741
50-54	4.9	3.0	3.7	2.3	3.1	4.1	2.4	3.4	3.1	367	336	301	309	289	271	253	2126	1759
55-59	4.7	3.2	3.9	5.3	6.0	3.7	3.4	4.3	4.3	274	252	229	228	217	189	176	1565	1291
60-62	3.0	3.6	6.0	6.4	4.7	14.3	10.0	6.1	6.9	67	56	50	47	43	35	30	328	261
WOMEN, AGE AT EXAM 1																		
29-34	0.4	0.7	0.8	1.0	1.3	0.8	1.3	0.9	1.0	456	418	382	402	396	391	386	2831	2375
35-39	1.1	0.2	0.2	1.2	0.6	1.2	0.6	0.7	0.7	569	522	465	501	496	480	479	3512	2943
40-44	1.2	0.7	0.7	0.7	0.9	0.9	0.7	0.8	0.8	502	456	422	443	438	431	424	3116	2614
45-49	2.9	0.5	1.3	1.7	1.3	1.3	1.6	1.6	1.3	444	417	377	402	392	372	370	2774	2330
50-54	1.6	2.0	2.4	1.9	3.3	1.7	0.9	2.0	2.1	429	400	373	375	361	343	332	2613	2184
55-59	3.6	3.2	1.6	1.9	2.3	1.8	1.9	2.4	2.1	365	341	309	313	310	285	264	2187	1822
60-62	1.6	0.0	0.0	4.1	4.5	0.0	2.4	1.7	1.7	64	56	56	49	44	39	42	350	286
MEN, AGE AT EXAM																		
29-34	2.1	1.2	0.0	0.0	0.0	0.0	0.0	1.7	1.0	381	169	29	0	0	0	0	579	198
35-39	1.4	0.5	0.5	0.8	1.1	0.0	0.0	0.8	0.6	433	443	381	245	87	9	0	1598	1165
40-44	3.6	0.6	1.0	1.4	2.1	2.0	0.6	1.7	1.4	413	354	387	420	421	305	167	2467	2054
45-49	3.9	2.4	2.1	2.0	2.5	1.0	1.3	2.2	1.9	355	369	341	342	360	382	394	2543	2188
50-54	4.9	4.1	4.0	3.5	2.3	2.3	1.9	3.3	3.0	367	319	276	347	348	347	315	2319	1952
55-59	4.7	1.7	3.1	2.8	3.2	3.0	1.6	2.8	2.5	274	299	293	285	282	271	308	2012	1738
60-64	3.0	5.2	4.6	3.1	3.1	4.0	2.9	3.7	3.7	67	155	219	257	256	272	245	1471	1404
65-69	0.0	0.0	12.5	7.8	6.5	4.3	1.9	4.7	4.7	0	1	16	90	170	188	215	680	680
70-74	0.0	0.0	0.0	0.0	0.0	10.8	7.5	8.3	8.3	0	0	0	0	2	37	93	132	132
WOMEN, AGE AT EXAM																		
29-34	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.4	0.4	456	187	37	0	0	0	0	680	224
35-39	1.1	0.4	0.7	0.7	1.9	0.0	0.0	0.8	0.7	569	521	429	289	107	11	0	1926	1357
40-44	1.2	0.4	0.2	1.2	0.6	0.8	1.6	0.8	0.7	502	495	460	516	495	374	188	3030	2528
45-49	2.9	0.7	0.7	0.7	0.9	1.2	0.4	1.1	0.8	444	421	421	454	457	480	486	3163	2719
50-54	1.6	1.2	1.9	2.2	0.9	0.9	1.1	1.4	1.3	429	421	373	403	431	435	456	2948	2519
55-59	3.6	2.1	1.9	1.0	2.0	1.3	0.8	1.8	1.5	365	373	363	384	393	377	382	2637	2272
60-64	1.6	3.6	1.8	2.4	2.7	1.8	1.4	2.2	2.2	64	192	273	331	334	340	362	1896	1832
65-69	0.0	0.0	0.0	2.8	3.7	1.8	1.8	2.3	2.3	0	0	28	108	216	281	285	918	918
70-74	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.6	1.6	0	0	0	0	4	43	138	185	185

Table 4-24

PERCENT WITH CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: DEFINITE GENERALIZED CARDIAC ENLARGEMENT BY X-RAY

	PERCENT WITH CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	1.3	2.2	0.6	1.2	2.4	2.7	3.0	1.9	2.0	389	360	333	343	339	332	333	2429	2040
35-39	1.8	2.2	1.6	1.3	1.8	2.9	3.4	2.1	2.2	442	405	383	395	393	385	380	2783	2341
40-44	1.4	2.3	1.4	0.5	2.5	4.2	4.7	2.4	2.6	419	385	352	376	365	357	343	2597	2178
45-49	2.8	2.5	1.7	3.0	4.5	3.6	6.6	3.5	3.6	356	323	296	303	289	276	272	2115	1759
50-54	4.0	4.4	2.3	3.2	5.1	3.6	6.9	4.2	4.2	371	342	303	311	294	277	262	2160	1789
55-59	6.8	5.1	8.3	6.1	5.5	7.7	10.8	7.1	7.1	279	253	229	229	217	194	186	1587	1308
60-62	4.4	0.0	6.0	2.1	9.3	8.1	12.5	5.4	5.6	68	57	50	47	43	37	32	334	266
WOMEN, AGE AT EXAM 1																		
29-34	0.7	1.2	0.8	0.7	1.2	1.2	1.5	1.0	1.1	453	427	393	412	404	401	399	2889	2436
35-39	3.1	1.9	1.9	2.7	3.2	3.3	4.7	2.9	2.9	581	531	483	513	506	492	491	3597	3016
40-44	4.9	4.9	2.5	2.4	5.2	5.0	6.9	4.5	4.5	510	472	440	452	444	439	437	3194	2684
45-49	7.2	5.7	3.4	5.0	5.8	5.6	10.3	6.1	5.9	447	419	385	404	394	373	379	2801	2354
50-54	13.3	7.9	6.4	7.4	9.4	13.7	15.1	10.4	9.8	430	404	375	378	362	351	337	2637	2207
55-59	17.1	9.6	8.1	9.5	17.4	21.5	19.5	14.5	14.0	369	342	310	315	310	293	282	2221	1852
60-62	7.8	10.7	7.1	6.4	15.6	17.9	20.0	11.6	12.5	64	56	56	47	45	39	45	352	288
MEN, AGE AT EXAM																		
29-34	1.3	1.2	0.0	0.0	0.0	0.0	0.0	1.2	1.0	389	170	29	0	0	0	0	588	199
35-39	1.8	2.9	0.8	1.2	1.1	11.1	0.0	1.8	1.8	442	446	380	252	89	9	0	1618	1176
40-44	1.4	1.4	1.8	1.4	2.8	2.5	2.3	1.9	2.0	419	358	391	421	422	316	172	2499	2080
45-49	2.8	3.0	0.9	0.3	1.1	2.8	3.4	2.1	2.0	356	370	340	347	362	390	412	2577	2221
50-54	4.0	2.8	2.2	2.6	3.7	4.2	3.4	3.3	3.2	371	322	277	349	352	358	325	2354	1983
55-59	6.8	6.3	3.4	2.4	5.6	3.6	6.6	5.0	4.7	279	301	293	287	284	275	319	2038	1759
60-64	4.4	1.9	8.2	6.6	5.0	3.6	6.7	5.4	5.5	68	157	220	258	259	278	254	1494	1426
65-69	0.0	0.0	0.0	2.2	5.3	7.8	9.6	6.9	6.9	0	1	16	90	170	193	229	699	699
70-74	0.0	0.0	0.0	0.0	0.0	7.7	10.3	9.4	9.4	0	0	0	0	2	39	97	138	138
WOMEN, AGE AT EXAM																		
29-34	0.7	1.5	0.0	0.0	0.0	0.0	0.0	0.9	1.3	453	196	39	0	0	0	0	688	235
35-39	3.1	1.5	0.9	1.0	0.0	0.0	0.0	1.7	1.1	581	527	440	297	111	12	0	1968	1387
40-44	4.9	2.9	2.1	1.9	1.8	1.3	0.5	2.4	1.9	510	509	478	530	504	383	194	3108	2598
45-49	7.2	4.9	2.1	2.6	3.9	3.3	3.4	3.9	3.3	447	427	439	463	465	491	502	3234	2787
50-54	13.3	7.5	4.2	4.9	6.0	5.0	5.4	6.6	5.5	430	425	379	406	434	444	467	2985	2555
55-59	17.1	9.6	6.8	6.5	7.3	5.8	9.4	8.9	7.6	369	375	365	385	396	378	393	2661	2292
60-64	7.8	9.4	8.0	8.7	10.2	13.2	13.0	10.5	10.6	64	192	274	334	334	348	370	1916	1852
65-69	0.0	0.0	10.7	9.4	20.7	21.5	19.5	19.0	19.0	0	0	28	106	217	289	292	932	932
70-74	0.0	0.0	0.0	0.0	25.0	20.9	18.4	19.1	19.1	0	0	0	0	4	43	152	199	199

Table 4-25

PERCENT WITH CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: DEFINITE HEART ENLARGEMENT BY X-RAY

	PERCENT WITH CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	5.7	4.7	1.8	1.7	3.5	3.9	4.5	3.7	3.4	389	360	333	343	339	332	333	2429	2040
35-39	5.0	5.4	2.3	2.5	3.1	5.7	4.7	4.1	4.0	442	405	383	395	393	385	380	2783	2341
40-44	10.0	6.5	5.4	1.9	6.8	8.4	11.4	7.2	6.7	419	385	352	376	365	357	343	2597	2178
45-49	16.9	7.7	5.7	6.6	10.0	11.2	16.2	10.7	9.4	356	323	296	303	289	276	272	2115	1759
50-54	17.3	12.6	9.6	7.1	11.2	14.8	18.7	13.0	12.1	371	342	303	311	294	277	262	2160	1789
55-59	22.2	14.6	13.1	14.4	16.1	22.2	24.2	18.0	17.0	279	253	229	229	217	194	186	1587	1308
60-62	27.9	7.0	10.0	10.6	25.6	29.7	31.3	19.5	17.3	68	57	50	47	43	37	32	334	266
WOMEN, AGE AT EXAM 1																		
29-34	2.9	2.3	1.8	1.9	2.5	2.7	3.8	2.6	2.5	453	427	393	412	404	401	399	2889	2436
35-39	5.5	4.9	2.7	4.5	4.3	5.1	9.0	5.1	5.1	581	531	483	513	506	492	491	3597	3016
40-44	9.8	11.4	5.0	4.9	8.6	9.8	13.7	9.0	8.9	510	472	440	452	444	439	437	3194	2684
45-49	15.0	14.6	9.9	8.4	12.2	14.7	19.0	13.4	13.1	447	419	385	404	394	373	379	2801	2354
50-54	27.4	24.0	16.5	13.5	19.9	26.5	28.2	22.3	21.3	430	404	375	378	362	351	337	2637	2207
55-59	33.9	24.6	21.0	18.7	30.6	38.2	36.9	29.0	28.0	369	342	310	315	310	293	282	2221	1852
60-62	32.8	30.4	19.6	19.1	26.7	43.6	44.4	30.4	29.9	64	56	56	47	45	39	45	352	288
MEN, AGE AT EXAM																		
29-34	5.7	1.2	0.0	0.0	0.0	0.0	0.0	4.1	1.0	389	170	29	0	0	0	0	588	199
35-39	5.0	6.5	1.8	1.6	2.2	11.1	0.0	4.0	3.7	442	446	380	252	89	9	0	1618	1176
40-44	10.0	6.4	3.6	2.9	3.6	3.8	2.3	4.9	3.8	419	358	391	421	422	316	172	2499	2080
45-49	16.9	5.9	5.0	1.4	5.5	5.9	5.6	6.6	5.0	356	370	340	347	362	390	412	2577	2221
50-54	17.3	9.6	7.2	4.9	6.8	8.1	8.3	9.0	7.5	371	322	277	349	352	358	325	2354	1983
55-59	22.2	15.0	9.6	7.0	12.7	11.3	14.1	13.1	11.7	279	301	293	287	284	275	319	2038	1759
60-64	27.9	13.4	12.3	13.2	11.6	14.7	16.9	14.4	13.7	68	157	220	258	259	278	254	1494	1426
65-69	0.0	0.0	12.5	12.2	17.1	21.8	22.3	19.3	19.3	0	1	16	90	170	193	229	699	699
70-74	0.0	0.0	0.0	0.0	50.0	30.8	27.8	29.0	29.0	0	0	0	0	2	39	97	138	138
WOMEN, AGE AT EXAM																		
29-34	2.9	1.5	0.0	0.0	0.0	0.0	0.0	2.3	1.3	453	196	39	0	0	0	0	688	235
35-39	5.5	4.0	2.0	2.4	0.0	0.0	0.0	3.5	2.7	581	527	440	297	111	12	0	1968	1387
40-44	9.8	8.3	2.9	3.4	3.4	2.9	2.1	5.0	4.1	510	509	478	530	504	383	194	3108	2598
45-49	15.0	11.0	4.8	4.3	5.4	5.1	6.4	7.3	6.1	447	427	439	463	465	491	502	3234	2787
50-54	27.4	21.2	12.1	8.1	10.6	9.7	11.6	14.4	12.2	430	425	379	406	434	444	467	2985	2555
55-59	33.9	25.9	17.8	12.2	14.9	14.6	16.0	19.2	16.8	369	375	365	385	396	378	393	2661	2292
60-64	32.8	25.5	20.4	17.4	23.7	26.7	26.5	23.7	23.4	64	192	274	334	334	348	370	1916	1852
65-69	0.0	0.0	25.0	21.7	32.3	38.1	33.9	33.2	33.2	0	0	28	106	217	289	292	932	932
70-74	0.0	0.0	0.0	0.0	25.0	44.2	39.5	40.2	40.2	0	0	0	0	4	43	152	199	199

Table 4-26

PERCENT WITH CHARACTERISTIC OF SUBJECTS TAKING EXAM, BY SEX AND AGE: FRAMINGHAM HEART STUDY, EXAMS 1 TO 7
CHARACTERISTIC: DEFINITE LEFT VENTRICULAR HYPERTROPHY BY X-RAY

	PERCENT WITH CHARACTERISTIC									NUMBER OF SUBJECTS								
EXAM NUMBER	1	2	3	4	5	6	7	1-7	2-7	1	2	3	4	5	6	7	1-7	2-7
MEN, AGE AT EXAM 1																		
29-34	4.9	2.5	1.2	0.6	1.2	1.2	1.5	1.9	1.4	389	360	333	343	339	332	333	2429	2040
35-39	4.1	3.7	0.8	1.5	1.3	3.1	1.6	2.3	2.0	442	405	383	395	393	385	380	2783	2341
40-44	9.3	4.9	4.0	1.3	4.4	4.8	6.7	5.1	4.3	419	385	352	376	365	357	343	2597	2178
45-49	16.3	6.8	4.1	4.6	5.9	7.6	9.9	8.1	6.4	356	323	296	303	289	276	272	2115	1759
50-54	16.2	9.9	7.9	4.8	6.5	11.2	12.6	10.0	8.7	371	342	303	311	294	277	262	2160	1789
55-59	20.1	12.3	6.6	9.2	12.0	14.4	14.0	12.8	11.2	279	253	229	229	217	194	186	1587	1308
60-62	26.5	7.0	4.0	8.5	16.3	24.3	18.8	15.0	12.0	68	57	50	47	43	37	32	334	266
WOMEN, AGE AT EXAM 1																		
29-34	2.4	1.4	1.0	1.2	1.2	1.5	2.3	1.6	1.4	453	427	393	412	404	401	399	2889	2436
35-39	4.1	3.4	1.0	1.9	1.4	1.8	4.3	2.6	2.3	581	531	483	513	506	492	491	3597	3016
40-44	8.0	7.4	2.7	2.4	3.6	4.8	6.9	5.2	4.7	510	472	440	452	444	439	437	3194	2684
45-49	12.8	10.5	7.3	3.5	6.6	9.1	9.2	8.5	7.7	447	419	385	404	394	373	379	2801	2354
50-54	22.3	19.1	10.4	6.6	10.5	13.1	13.4	13.9	12.2	430	404	375	378	362	351	337	2637	2207
55-59	29.3	17.8	14.2	9.8	14.2	18.4	17.4	17.6	15.3	369	342	310	315	310	293	282	2221	1852
60-62	31.3	21.4	14.3	12.8	15.6	28.2	24.4	21.3	19.1	64	56	56	47	45	39	45	352	288
MEN, AGE AT EXAM																		
29-34	4.9	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	389	170	29	0	0	0	0	588	199
35-39	4.1	3.8	1.1	0.4	1.1	0.0	0.0	2.5	2.0	442	446	380	252	89	9	0	1618	1176
40-44	9.3	5.9	1.8	1.7	0.7	1.3	0.0	3.2	2.0	419	358	391	421	422	316	172	2499	2080
45-49	16.3	4.1	4.1	1.2	4.4	3.3	2.2	5.0	3.2	356	370	340	347	362	390	412	2577	2221
50-54	16.2	8.7	5.4	3.2	3.4	4.5	5.2	6.8	5.0	371	322	277	349	352	358	325	2354	1983
55-59	20.1	11.0	6.5	4.9	7.4	7.6	7.5	9.2	7.5	279	301	293	287	254	275	319	2038	1759
60-64	26.5	12.7	5.9	8.1	6.9	11.2	11.4	10.0	9.3	68	157	220	258	259	278	254	1494	1426
65-69	0.0	0.0	12.5	10.0	12.9	14.0	13.1	12.9	12.9	0	1	16	90	170	193	229	699	699
70-74	0.0	0.0	0.0	0.0	50.0	25.6	17.5	20.3	20.3	0	0	0	0	2	39	97	138	138
WOMEN, AGE AT EXAM																		
29-34	2.4	0.5	0.0	0.0	0.0	0.0	0.0	1.7	0.4	453	196	39	0	0	0	0	688	235
35-39	4.1	2.7	1.1	1.3	0.0	0.0	0.0	2.4	1.7	581	527	440	297	111	12	0	1968	1387
40-44	8.0	5.7	1.3	1.5	1.6	1.6	1.5	3.2	2.3	510	509	478	530	504	383	194	3108	2598
45-49	12.8	7.3	2.7	1.9	1.9	1.8	3.0	4.4	3.0	447	427	439	463	465	491	502	3234	2787
50-54	22.3	16.2	8.7	3.2	4.6	4.7	6.2	9.4	7.2	430	425	379	406	434	444	467	2985	2555
55-59	29.3	19.5	11.5	6.0	7.8	8.7	6.9	12.7	10.0	369	375	365	385	396	378	393	2661	2292
60-64	31.3	18.8	13.5	9.6	13.8	13.8	14.1	14.1	13.6	64	192	274	334	334	348	370	1916	1852
65-69	0.0	0.0	17.9	12.3	13.4	18.3	14.4	15.2	15.2	0	0	28	106	217	289	292	932	932
70-74	0.0	0.0	0.0	0.0	0.0	25.6	21.1	21.6	21.6	0	0	0	0	4	43	152	199	199

Section 5. Bivariate correlations among some characteristics of the Framingham cohort at Exam 2 by sex and age.

	Table Number
Alcohol, Number of Ounces Consumed per Month	5- 1
Blood Pressure	
Systolic BP, Admission	5- 2
Diastolic BP, Admission	5- 3
Systolic BP, First Examiner	5- 4
Diastolic BP, First Examiner	5- 5
Systolic BP, Second Examiner	5- 6
Diastolic BP, Second Examiner	5- 7
Blood Sugar	5- 8
Cholesterol, Serum	5- 9
Cigarettes, Number Smoked per Day	5-10
Framingham Relative Weight	5-11
Hematocrit	Not Available
Hemoglobin	5-13
Phospholipid	5-14
Uric Acid	5-15
Vital Capacity	5-16
Weight, in Pounds	5-17
ECG: Definitely Abnormal	5-18
Left Ventricular Hypertrophy, Def. or Dbt.	5-19
Non-Specific T-Wave Abnormality, Def.	5-20
Smokers, Now	5-21
Urinalysis: Albumin, Def. or Trace	5-22
Sugar, Def. or Trace	5-23
X-Ray: Generalized Cardiac Enlargement, Def.	5-24
Heart Enlargement, Def.	5-25
Left Ventricular Hypertrophy, Def.	5-26

June 1968

Table 5-1A

5 OCTOBER 1967

CHARACTERISTIC, ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.03	-0.04	0.13	0.04	0.09	0.12	-0.10	144	373	307	301	247	229	109
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.12	0.11	0.23	0.14	0.06	0.17	-0.06	141	375	301	301	244	229	109
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.08	0.15	0.21	0.14	0.11	0.16	-0.11	141	375	301	301	243	229	109
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	-0.00	0.09	0.20	0.14	0.13	0.18	-0.01	144	376	307	303	248	230	109
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.05	0.10	0.23	0.13	0.13	0.14	-0.12	144	376	307	303	248	230	109
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.10	0.10	0.18	0.18	0.17	0.15	-0.05	144	375	305	300	248	229	109
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.14	0.11	0.20	0.14	0.17	0.12	-0.17	144	375	305	300	248	229	109
SERUM CHOLESTEROL	0.03	0.00	0.01	0.05	-0.01	-0.01	0.03	144	375	304	303	246	229	107
HEMOGLOBIN	0.00	0.08	0.19	0.07	-0.01	-0.01	-0.28	144	371	303	301	243	226	106
PHOSPHOLIPID	0.07	0.15	0.12	0.25	0.17	0.23	0.18	144	374	304	303	245	228	107
BLOOD SUGAR	-0.01	-0.05	-0.07	0.04	-0.00	-0.02	-0.03	143	373	303	301	247	227	106
URIC ACID	0.31	0.22	0.18	0.16	0.19	0.07	-0.12	144	375	304	303	246	229	107
WEIGHT	0.07	-0.01	0.13	0.01	0.09	0.12	-0.13	144	376	307	303	248	229	109
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.11	0.06	0.22	0.15	0.31	0.17	0.22	104	265	234	203	153	130	54
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	1.00	1.00	1.00	1.00	1.00	1.00	1.00	144	376	307	303	248	230	109
VITAL CAPACITY	0.03	-0.06	-0.07	-0.09	-0.08	0.01	0.01	144	375	307	303	248	230	109
DEFINITE GCE BY X-RAY	-0.04	-0.02	-0.03	0.02	0.11	0.00	-0.08	144	376	307	303	248	230	109
DEFINITE LVH BY X-RAY	0.0	0.05	0.13	-0.04	0.02	0.03	-0.09	144	376	307	303	248	230	109
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.04	0.02	0.12	-0.05	0.03	0.06	-0.10	144	376	307	303	248	230	109
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.01	-0.05	-0.07	0.07	0.01	0.09	0.04	144	376	307	303	248	230	109
DEFINITE OR DOUBTFUL LVH BY ECG	0.04	-0.06	-0.05	0.07	0.01	0.04	0.08	144	376	307	303	248	230	109
URINE SUGAR, DEFINITE OR TRACE	-0.01	-0.04	-0.02	-0.04	0.05	0.02	-0.03	143	374	306	302	247	230	109
URINE ALBUMIN, DEFINITE OR TRACE	0.02	0.0	-0.06	0.07	0.05	-0.10	0.28	143	374	306	302	247	230	109
SMOKING NOW	0.12	0.18	0.07	0.14	0.07	-0.01	0.19	144	376	307	303	248	230	109
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.04	-0.03	-0.03	-0.01	-0.06	-0.01	-0.05	144	376	307	303	248	230	109

Table 5-1B

5 OCTOBER 1967

CHARACTERISTIC, ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.09	-0.07	0.03	-0.12	-0.07	-0.02	0.13	126	372	325	254	217	176	86
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.03	0.04	0.12	0.06	0.03	0.14	0.14	125	373	325	252	217	175	82
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.12	0.06	0.12	0.05	-0.01	0.13	0.04	124	373	325	252	216	175	82
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	-0.02	0.05	0.13	0.01	0.04	0.19	0.14	127	378	330	254	220	176	87
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	-0.00	0.06	0.14	0.01	-0.00	0.11	0.13	127	378	330	254	220	176	87
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	-0.03	-0.01	0.09	-0.00	0.03	0.14	0.27	126	376	329	252	219	175	87
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	-0.08	0.02	0.08	0.02	-0.00	0.14	0.15	126	376	329	252	219	175	87
SERUM CHOLESTEROL	0.04	0.03	-0.00	0.05	0.07	0.04	-0.22	124	373	325	248	218	174	84
HEMOGLOBIN	0.05	0.01	0.10	0.13	-0.01	0.08	0.09	126	372	319	245	217	169	84
PHOSPHOLIPID	0.10	0.06	0.12	0.16	0.21	0.13	0.02	123	373	325	246	218	174	84
BLOOD SUGAR	-0.11	-0.08	-0.02	-0.04	-0.00	0.10	-0.05	127	375	323	249	217	172	86
URIC ACID	0.16	0.10	0.18	-0.00	0.15	0.13	-0.01	124	373	324	247	218	174	84
WE[illegible]HT	-0.05	-0.03	0.05	-0.10	-0.06	-0.02	0.09	127	376	330	254	220	176	87
CI[illegible]ETTES/DAY SMOKED BY CIGARETTE SMOKER	0.05	0.18	0.03	0.14	0.04	0.47	0.10	81	241	205	118	96	61	21
ALC[illegible]L/MONTH CONSUMED BY ALCOHOL DRINKER	1.00	1.00	1.00	1.00	1.00	1.00	1.00	127	378	330	254	220	176	87
VITAL CAPACITY	-0.02	0.08	-0.01	0.05	0.00	0.03	-0.15	127	376	330	254	219	176	87
DEFINITE GCE BY X-RAY	-0.05	0.02	0.03	-0.03	-0.04	-0.05	0.29	127	377	330	254	220	176	87
DEFINITE LVH BY X-RAY	0.0	0.01	-0.00	0.06	-0.05	-0.05	0.08	127	377	330	254	220	176	87
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.05	0.03	0.02	0.01	-0.07	-0.06	0.30	127	377	330	254	220	176	87
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.05	-0.06	0.13	0.03	0.09	-0.01	-0.09	127	378	330	254	220	176	87
DEFINITE OR DOUBTFUL LVH BY ECG	-0.03	-0.02	0.03	0.11	0.02	0.03	-0.04	127	378	330	254	220	176	87
URINE SUGAR, DEFINITE OR TRACE	-0.05	-0.02	-0.03	0.01	0.05	0.04	0.00	127	376	329	253	220	175	86
URINE ALBUMIN, DEFINITE OR TRACE	0.10	-0.06	0.11	-0.01	0.03	0.05	0.40	127	376	329	253	220	175	86
SMOKING NOW	0.24	0.11	0.18	0.19	0.13	0.08	-0.04	127	378	330	254	220	176	87
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.07	-0.06	0.07	0.02	0.12	0.03	-0.04	127	378	330	254	220	176	87

Table 5-2A

5 OCTOBER 1967

CHARACTERISTIC, BLOOD PRESSURE, ADMISSION, SYSTOLIC
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.16	0.30	0.25	0.23	0.31	0.25	0.15	178	469	383	397	334	322	175
BLOOD PRESSURE, ADMISSION, SYSTOLIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	178	473	383	399	335	324	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.72	0.64	0.75	0.75	0.81	0.80	0.78	178	473	383	399	334	324	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.82	0.74	0.82	0.80	0.87	0.86	0.85	178	473	383	399	335	324	177
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.61	0.54	0.65	0.62	0.68	0.69	0.70	178	473	383	399	335	324	177
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.77	0.72	0.78	0.77	0.85	0.84	0.82	178	472	378	391	335	318	177
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.67	0.55	0.65	0.61	0.70	0.73	0.71	178	472	378	391	335	318	177
SERUM CHOLESTEROL	0.06	0.14	0.16	0.10	-0.00	0.07	0.11	178	471	379	399	334	322	174
HEMOGLOBIN	0.10	0.18	0.10	0.20	0.04	0.12	0.16	176	464	380	396	330	316	171
PHOSPHOLIPID	0.09	0.09	0.16	0.14	0.14	0.14	-0.03	177	470	379	399	332	320	174
BLOOD SUGAR	0.07	0.11	0.20	0.09	0.23	0.08	-0.02	177	468	379	396	335	320	171
URIC ACID	0.25	0.16	0.18	0.22	0.11	0.09	0.13	178	471	378	399	334	321	174
WEIGHT	0.15	0.29	0.27	0.16	0.30	0.24	0.11	178	473	383	399	335	323	177
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.18	0.11	0.02	0.07	0.02	0.01	-0.06	121	337	278	263	205	176	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.12	0.11	0.23	0.14	0.06	0.17	-0.06	141	375	301	301	244	229	109
VITAL CAPACITY	-0.11	0.01	0.02	-0.04	-0.14	-0.05	-0.06	177	473	382	399	335	323	175
DEFINITE GCE BY X-RAY	0.25	-0.02	0.06	0.12	0.25	0.09	0.23	178	473	383	399	335	324	177
DEFINITE LVH BY X-RAY	0.56	0.15	0.26	0.16	0.19	0.10	0.21	178	473	383	399	335	324	177
DEFINITE HEART ENLARGEMENT BY X-RAY	0.25	0.07	0.25	0.19	0.22	0.13	0.23	178	473	383	399	335	324	177
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.29	0.19	0.14	0.38	0.28	0.23	0.08	178	473	383	399	335	324	177
DEFINITE OR DOUBTFUL LVH BY ECG	0.38	0.23	0.18	0.37	0.29	0.29	0.40	178	473	383	399	335	324	177
URINE SUGAR, DEFINITE OR TRACE	-0.02	-0.03	-0.04	0.01	0.10	0.02	0.01	177	468	381	398	334	322	176
URINE ALBUMIN, DEFINITE OR TRACE	0.40	-0.06	0.06	0.12	0.22	0.10	0.19	177	468	381	398	334	322	176
SMOKING NOW	-0.02	-0.00	-0.07	0.01	-0.03	-0.07	-0.02	178	472	383	398	335	323	177
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.11	0.11	0.07	0.14	0.15	0.09	-0.03	178	473	383	399	335	324	177

Table 5-2B

5 OCTOBER 1967

CHARACTERISTIC, BLOOD PRESSURE, ADMISSION, SYSTOLIC
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.20	0.29	0.31	0.41	0.29	0.30	0.22	207	544	535	445	435	394	202
BLOOD PRESSURE, ADMISSION, SYSTOLIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	208	552	538	446	438	394	203
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.70	0.73	0.82	0.83	0.83	0.77	0.72	206	551	538	446	436	394	203
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.71	0.71	0.83	0.86	0.86	0.84	0.87	208	552	538	446	438	394	203
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.47	0.55	0.72	0.75	0.73	0.69	0.68	208	552	538	446	438	394	203
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.62	0.67	0.79	0.83	0.82	0.83	0.83	206	547	531	440	437	389	202
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.52	0.55	0.68	0.77	0.70	0.71	0.71	206	547	531	440	437	389	202
SERUM CHOLESTEROL	0.11	0.16	0.02	0.13	0.16	-0.04	-0.03	204	542	529	435	432	388	194
HEMOGLOBIN	0.11	0.07	0.18	0.15	0.15	0.09	0.15	206	540	517	429	427	380	194
PHOSPHOLIPID	0.10	0.07	0.07	0.04	0.06	-0.11	0.02	203	540	529	433	431	387	193
BLOOD SUGAR	0.12	0.11	0.10	0.10	0.14	0.02	0.20	208	545	526	437	431	386	199
URIC ACID	0.14	0.14	0.16	0.10	0.13	0.12	-0.11	204	542	528	434	430	388	194
WEIGHT	0.20	0.27	0.29	0.39	0.27	0.28	0.21	208	549	538	446	438	394	203
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.27	0.05	-0.07	0.06	-0.00	0.22	-0.09	118	312	273	169	138	100	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.03	0.04	0.12	0.06	0.03	0.14	0.14	125	373	325	252	217	175	82
VITAL CAPACITY	0.01	-0.04	-0.06	-0.11	-0.05	-0.21	-0.07	207	550	538	446	437	394	202
DEFINITE GCE BY X-RAY	-0.03	0.05	0.04	0.05	0.14	0.19	0.15	208	551	538	446	438	394	203
DEFINITE LVH BY X-RAY	0.08	0.09	0.12	0.19	0.24	0.31	0.21	208	551	538	446	438	394	203
DEFINITE HEART ENLARGEMENT BY X-RAY	0.03	0.09	0.12	0.15	0.25	0.32	0.22	208	551	538	446	438	394	203
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.01	-0.02	0.14	-0.01	0.24	0.26	0.15	208	552	538	446	438	394	203
DEFINITE OR DOUBTFUL LVH BY ECG	0.03	-0.01	0.23	0.15	0.31	0.35	0.28	208	552	538	446	438	394	203
URINE SUGAR, DEFINITE OR TRACE	-0.04	-0.02	-0.03	0.13	0.00	0.01	0.12	207	550	536	445	437	392	201
URINE ALBUMIN, DEFINITE OR TRACE	0.05	0.08	0.10	0.12	0.17	0.15	0.21	207	550	536	445	437	392	201
SMOKING NOW	-0.00	-0.02	-0.05	-0.07	-0.13	-0.06	-0.05	208	552	537	446	438	393	203
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.00	-0.01	0.05	-0.03	0.08	-0.01	-0.03	208	552	538	446	438	394	203

Table 5-3A

5 OCTOBER 1967

CHARACTERISTIC, BLOOD PRESSURE, ADMISSION, DIASTOLIC
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.37	0.40	0.35	0.33	0.39	0.27	0.19	178	469	383	397	333	322	175
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.72	0.64	0.75	0.75	0.81	0.80	0.78	178	473	383	399	334	324	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	178	473	383	399	334	324	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.66	0.60	0.66	0.66	0.76	0.72	0.75	178	473	383	399	334	324	177
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.74	0.72	0.75	0.76	0.79	0.80	0.83	178	473	383	399	334	324	177
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.64	0.56	0.66	0.63	0.73	0.73	0.70	178	472	378	391	334	318	177
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.70	0.68	0.74	0.73	0.76	0.81	0.81	178	472	378	391	334	318	177
SERUM CHOLESTEROL	0.15	0.11	0.13	0.06	0.04	0.03	0.08	178	471	379	399	333	322	174
HEMOGLOBIN	0.24	0.22	0.13	0.23	0.17	0.22	0.17	176	464	380	396	329	316	171
PHOSPHOLIPID	0.20	0.17	0.20	0.16	0.14	0.09	0.01	177	470	379	399	331	320	174
BLOOD SUGAR	0.16	0.01	0.10	0.09	0.17	0.01	-0.11	177	468	379	396	334	320	171
URIC ACID	0.38	0.20	0.18	0.25	0.16	0.11	0.04	178	471	378	399	333	321	174
WEIGHT	0.34	0.36	0.37	0.24	0.36	0.28	0.16	178	473	383	399	334	323	177
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.08	0.16	0.04	0.01	0.04	0.02	0.00	121	337	278	263	205	176	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.08	0.15	0.21	0.14	0.11	0.16	-0.11	141	375	301	301	243	229	109
VITAL CAPACITY	-0.10	-0.05	0.02	-0.06	-0.08	0.01	0.02	177	473	382	399	334	323	175
DEFINITE GCE BY X-RAY	0.13	-0.11	0.08	0.08	0.23	0.08	0.20	178	473	383	399	334	324	177
DEFINITE LVH BY X-RAY	0.29	0.07	0.28	0.12	0.24	0.06	0.21	178	473	383	399	334	324	177
DEFINITE HEART ENLARGEMENT BY X-RAY	0.13	0.02	0.28	0.16	0.27	0.10	0.22	178	473	383	399	334	324	177
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.21	0.01	0.05	0.21	0.26	0.18	0.03	178	473	383	399	334	324	177
DEFINITE OR DOUBTFUL LVH BY ECG	0.25	-0.01	0.10	0.22	0.27	0.25	0.29	178	473	383	399	334	324	177
URINE SUGAR, DEFINITE OR TRACE	0.06	-0.02	0.01	0.02	0.06	0.01	-0.08	177	468	381	398	333	322	176
URINE ALBUMIN, DEFINITE OR TRACE	0.30	-0.04	0.04	0.15	0.23	0.03	0.19	177	468	381	398	333	322	176
SMOKING NOW	-0.11	-0.08	-0.14	-0.04	-0.08	-0.08	-0.02	178	472	383	398	334	323	177
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.18	0.04	0.06	0.09	0.08	0.04	-0.02	178	473	383	399	334	324	177

Table 5-3B

5 OCTOBER 1967

CHARACTERISTIC, BLOOD PRESSURE, ADMISSION, DIASTOLIC
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.25	0.36	0.39	0.42	0.40	0.31	0.24	205	543	535	445	433	394	202
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.70	0.73	0.82	0.83	0.83	0.77	0.72	206	551	538	446	436	394	203
BLOOD PRESSURE, ADMISSION, DIASTOLIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	206	551	538	446	436	394	203
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.59	0.59	0.74	0.75	0.74	0.70	0.72	206	551	538	446	436	394	203
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.59	0.65	0.78	0.83	0.81	0.80	0.79	206	551	538	446	436	394	203
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.50	0.55	0.72	0.73	0.74	0.72	0.63	204	546	531	440	435	389	202
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.60	0.64	0.75	0.82	0.77	0.79	0.75	204	546	531	440	435	389	202
SERUM CHOLESTEROL	0.19	0.20	0.02	0.15	0.13	0.00	-0.06	203	541	529	435	430	388	194
HEMOGLOBIN	0.18	0.14	0.20	0.16	0.18	0.16	0.26	204	539	517	429	425	380	194
PHOSPHOLIPID	0.18	0.11	0.11	0.06	0.06	-0.07	-0.00	202	539	529	433	429	387	193
BLOOD SUGAR	0.03	0.06	0.06	0.02	0.15	-0.03	0.16	206	544	526	437	429	386	199
URIC ACID	0.14	0.17	0.15	0.11	0.12	0.12	0.04	203	541	528	434	428	388	194
WEIGHT	0.26	0.34	0.36	0.40	0.36	0.29	0.25	206	548	538	446	436	394	203
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.19	0.02	-0.12	0.05	-0.00	0.19	-0.07	116	312	273	169	138	100	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.12	0.06	0.12	0.05	-0.01	0.13	0.04	124	373	325	252	216	175	82
VITAL CAPACITY	-0.03	-0.04	-0.09	-0.14	-0.06	-0.19	-0.02	205	549	538	446	435	394	202
DEFINITE GCE BY X-RAY	0.01	0.04	0.04	-0.01	0.16	0.16	0.16	206	550	538	446	436	394	203
DEFINITE LVH BY X-RAY	0.03	0.10	0.13	0.21	0.25	0.32	0.10	206	550	538	446	436	394	203
DEFINITE HEART ENLARGEMENT BY X-RAY	0.04	0.09	0.12	0.14	0.26	0.30	0.17	206	550	538	446	436	394	203
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.02	0.01	0.18	0.03	0.15	0.24	0.12	206	551	538	446	436	394	203
DEFINITE OR DOUBTFUL LVH BY ECG	0.05	0.02	0.24	0.12	0.22	0.38	0.21	206	551	538	446	436	394	203
URINE SUGAR, DEFINITE OR TRACE	-0.06	0.02	-0.06	0.05	0.03	-0.02	0.07	205	549	536	445	435	392	201
URINE ALBUMIN, DEFINITE OR TRACE	0.07	0.09	0.12	0.12	0.21	0.07	0.16	205	549	536	445	435	392	201
SMOKING NOW	-0.00	-0.07	-0.10	-0.13	-0.10	-0.00	-0.10	206	551	537	446	436	393	203
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.02	0.02	0.07	0.04	0.04	0.01	0.00	206	551	538	446	436	394	203

Table 5-4A

5 OCTOBER 1967

CHARACTERISTIC, BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.23	0.33	0.22	0.19	0.30	0.22	0.11	184	480	400	404	348	329	177
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.82	0.74	0.82	0.80	0.87	0.86	0.85	178	473	383	399	335	324	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.66	0.60	0.66	0.66	0.76	0.72	0.75	178	473	383	399	334	324	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	184	484	401	407	349	331	179
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.73	0.71	0.76	0.76	0.78	0.79	0.80	184	484	401	407	349	331	179
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.86	0.80	0.84	0.83	0.89	0.86	0.87	184	481	396	397	349	325	179
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.73	0.61	0.65	0.68	0.75	0.74	0.78	184	481	396	397	349	325	179
SERUM CHOLESTEROL	0.06	0.15	0.14	0.09	0.08	0.09	0.07	182	472	386	403	340	325	174
HEMOGLOBIN	0.13	0.18	0.04	0.12	0.09	0.08	0.07	180	465	386	400	336	319	171
PHOSPHOLIPID	0.10	0.21	0.18	0.17	0.21	0.21	0.04	181	471	386	403	338	323	174
BLOOD SUGAR	0.13	0.09	0.19	0.07	0.19	0.04	-0.08	183	473	392	409	342	325	171
URIC ACID	0.25	0.16	0.18	0.18	0.12	0.12	0.09	182	472	385	403	340	324	174
WEIGHT	0.20	0.31	0.25	0.12	0.24	0.19	0.06	184	484	401	407	349	330	179
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.15	0.13	0.03	0.07	0.06	0.01	-0.09	123	343	288	266	209	181	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.00	0.09	0.20	0.14	0.13	0.18	-0.01	144	376	307	303	248	230	109
VITAL CAPACITY	-0.11	-0.02	0.01	-0.10	-0.25	-0.05	-0.05	183	483	400	407	349	330	177
DEFINITE GCE BY X-RAY	0.26	-0.02	0.05	0.08	0.21	0.09	0.18	184	482	401	407	349	331	179
DEFINITE LVH BY X-RAY	0.55	0.09	0.23	0.15	0.22	0.08	0.25	184	482	401	407	349	331	179
DEFINITE HEART ENLARGEMENT BY X-RAY	0.26	0.04	0.22	0.14	0.24	0.11	0.28	184	482	401	407	349	331	179
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.28	0.15	0.13	0.30	0.28	0.15	0.11	184	484	401	407	349	331	179
DEFINITE OR DOUBTFUL LVH BY ECG	0.40	0.17	0.24	0.31	0.30	0.24	0.34	184	484	401	407	349	331	179
URINE SUGAR, DEFINITE OR TRACE	0.03	0.02	-0.01	0.03	0.14	0.04	-0.01	183	479	399	406	348	329	178
URINE ALBUMIN, DEFINITE OR TRACE	0.44	0.09	0.05	0.14	0.24	0.10	0.22	183	479	399	406	348	329	178
SMOKING NOW	-0.14	-0.04	-0.06	0.02	-0.05	-0.06	-0.01	183	481	398	405	343	329	178
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.10	0.10	0.05	0.09	0.15	0.05	-0.02	184	484	401	407	349	331	179

Table 5-4B

5 OCTOBER 1967

CHARACTERISTIC, BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.14	0.32	0.33	0.39	0.28	0.28	0.23	212	565	551	459	453	405	209
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.71	0.71	0.83	0.86	0.86	0.84	0.87	208	552	538	446	438	394	203
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.59	0.59	0.74	0.75	0.74	0.70	0.72	206	551	538	446	436	394	203
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	213	573	556	460	456	405	210
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.68	0.74	0.83	0.82	0.82	0.79	0.78	213	573	556	460	456	405	210
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.70	0.70	0.85	0.86	0.88	0.86	0.87	210	568	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.58	0.59	0.76	0.76	0.73	0.73	0.74	210	568	548	454	454	400	209
SERUM CHOLESTEROL	0.15	0.14	0.05	0.09	0.15	0.00	-0.12	206	550	540	443	441	393	201
HEMOGLOBIN	0.08	0.05	0.17	0.11	0.17	0.15	0.14	208	548	526	436	435	385	201
PHOSPHOLIPID	0.16	0.11	0.10	0.05	0.11	-0.08	-0.00	205	548	540	441	440	391	200
BLOOD SUGAR	0.08	0.11	0.10	0.15	0.14	-0.02	0.14	210	558	540	447	442	391	206
URIC ACID	0.10	0.15	0.17	0.07	0.19	0.16	-0.08	206	550	539	442	439	393	201
WEIGHT	0.12	0.30	0.30	0.37	0.24	0.26	0.23	213	570	556	460	456	405	210
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.09	-0.01	-0.04	0.06	-0.04	0.18	-0.10	119	320	279	175	143	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.02	0.05	0.13	0.01	0.04	0.19	0.14	127	378	330	254	220	176	87
VITAL CAPACITY	-0.02	-0.03	-0.09	-0.10	-0.10	-0.26	-0.01	212	571	556	460	455	405	209
DEFINITE GCE BY X-RAY	0.05	0.07	0.07	0.09	0.15	0.20	0.15	213	572	556	460	456	405	210
DEFINITE LVH BY X-RAY	0.15	0.09	0.15	0.20	0.23	0.30	0.13	213	572	556	460	456	405	210
DEFINITE HEART ENLARGEMENT BY X-RAY	0.10	0.10	0.14	0.18	0.25	0.30	0.16	213	572	556	460	456	405	210
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.05	0.01	0.19	0.01	0.21	0.21	0.07	213	573	556	460	456	405	210
DEFINITE OR DOUBTFUL LVH BY ECG	0.05	-0.02	0.26	0.17	0.33	0.34	0.18	213	573	556	460	456	405	210
URINE SUGAR, DEFINITE OR TRACE	-0.05	-0.05	-0.01	0.14	0.01	0.00	0.04	212	571	554	459	455	403	208
URINE ALBUMIN, DEFINITE OR TRACE	0.23	0.10	0.09	0.09	0.20	0.21	0.20	212	571	554	459	455	403	208
SMOKING NOW	-0.08	-0.04	-0.12	-0.12	-0.11	-0.03	-0.07	212	571	553	458	453	401	210
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.02	0.02	0.09	-0.01	0.02	-0.02	-0.05	213	573	556	460	456	405	210

Table 5-5A

5 OCTOBER 1967

CHARACTERISTIC, BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.37	0.45	0.33	0.26	0.34	0.25	0.21	184	480	400	404	348	329	177
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.61	0.54	0.65	0.62	0.68	0.69	0.70	178	473	383	399	335	324	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.74	0.72	0.75	0.76	0.79	0.80	0.83	178	473	383	399	334	324	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.73	0.71	0.76	0.76	0.78	0.79	0.80	184	484	401	407	349	331	179
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	184	484	401	407	349	331	179
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.68	0.59	0.69	0.64	0.71	0.72	0.69	184	481	396	397	349	325	179
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.77	0.75	0.79	0.78	0.83	0.84	0.86	184	481	396	397	349	325	179
SERUM CHOLESTEROL	0.17	0.20	0.15	0.07	0.13	0.06	0.09	182	472	386	403	340	325	174
HEMOGLOBIN	0.21	0.21	0.11	0.19	0.18	0.19	0.14	180	465	386	400	336	319	171
PHOSPHOLIPID	0.17	0.20	0.22	0.16	0.22	0.11	0.04	181	471	386	403	338	323	174
BLOOD SUGAR	0.13	0.01	0.02	0.07	0.05	-0.06	-0.14	183	473	392	403	342	325	171
URIC ACID	0.35	0.23	0.18	0.16	0.19	0.11	0.06	182	472	385	403	340	324	174
WEIGHT	0.33	0.40	0.33	0.19	0.27	0.23	0.18	184	484	401	407	349	330	179
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.11	0.11	0.02	-0.07	0.07	0.06	0.09	123	343	288	266	209	181	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.05	0.10	0.23	0.13	0.13	0.14	-0.12	144	376	307	303	248	230	109
VITAL CAPACITY	-0.06	-0.05	-0.03	-0.06	-0.17	-0.02	0.02	183	483	400	407	349	330	177
DEFINITE GCE BY X-RAY	0.21	-0.10	0.02	0.05	0.11	0.04	0.20	184	482	401	407	349	331	179
DEFINITE LVH BY X-RAY	0.39	0.04	0.16	0.09	0.17	0.08	0.22	184	482	401	407	349	331	179
DEFINITE HEART ENLARGEMENT BY X-RAY	0.21	-0.02	0.16	0.12	0.19	0.09	0.23	184	482	401	407	349	331	179
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.24	0.04	-0.03	0.14	0.16	0.14	0.01	184	484	401	407	349	331	179
DEFINITE OR DOUBTFUL LVH BY ECG	0.35	0.06	0.08	0.14	0.20	0.22	0.22	184	484	401	407	349	331	179
URINE SUGAR, DEFINITE OR TRACE	0.03	0.06	0.02	0.07	0.05	-0.02	-0.04	183	479	399	406	348	329	178
URINE ALBUMIN, DEFINITE OR TRACE	0.36	0.09	0.02	0.13	0.22	-0.00	0.06	183	479	399	406	348	329	178
SMOKING NOW	-0.10	-0.07	-0.11	-0.04	-0.10	-0.10	-0.06	183	481	398	405	343	329	178
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.20	0.07	0.02	0.07	0.10	0.02	-0.00	184	484	401	407	349	331	179

Table 5-5B

5 OCTOBER 1967

CHARACTERISTIC, BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.17	0.36	0.38	0.39	0.34	0.29	0.15	212	565	551	459	453	405	209
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.47	0.55	0.72	0.75	0.73	0.69	0.68	208	552	538	446	438	394	203
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.59	0.65	0.78	0.83	0.81	0.80	0.79	206	551	538	446	436	394	203
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.68	0.74	0.83	0.82	0.82	0.79	0.78	213	573	556	460	456	405	210
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	213	573	556	460	456	405	210
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.47	0.59	0.77	0.77	0.76	0.73	0.69	210	568	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.62	0.70	0.82	0.84	0.80	0.84	0.79	210	568	548	454	454	400	209
SERUM CHOLESTEROL	0.10	0.17	0.06	0.15	0.13	0.01	-0.04	206	550	540	443	441	393	201
HEMOGLOBIN	0.14	0.14	0.18	0.14	0.18	0.20	0.20	208	548	526	436	435	385	201
PHOSPHOLIPID	0.11	0.13	0.13	0.07	0.11	-0.08	0.01	205	548	540	441	440	391	200
BLOOD SUGAR	0.00	0.04	0.05	0.02	0.10	-0.03	0.09	210	558	540	447	442	391	206
URIC ACID	0.05	0.20	0.17	0.11	0.19	0.13	-0.03	206	550	539	442	439	393	201
WEIGHT	0.17	0.34	0.35	0.36	0.29	0.28	0.16	213	570	556	460	456	405	210
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.05	-0.02	-0.09	0.11	-0.04	0.16	-0.07	119	320	279	175	143	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.00	0.06	0.14	0.01	-0.00	0.11	0.13	127	378	330	254	220	176	87
VITAL CAPACITY	-0.08	-0.02	-0.07	-0.10	-0.13	-0.21	-0.04	212	571	556	460	455	405	209
DEFINITE GCE BY X-RAY	0.09	0.02	0.04	0.09	0.17	0.18	0.13	213	572	556	460	456	405	210
DEFINITE LVH BY X-RAY	0.10	0.07	0.16	0.22	0.23	0.35	0.10	213	572	556	460	456	405	210
DEFINITE HEART ENLARGEMENT BY X-RAY	0.11	0.07	0.14	0.21	0.27	0.32	0.14	213	572	556	460	456	405	210
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.02	0.05	0.19	0.02	0.18	0.23	0.10	213	573	556	460	456	405	210
DEFINITE OR DOUBTFUL LVH BY ECG	0.06	-0.00	0.25	0.14	0.22	0.36	0.21	213	573	556	460	456	405	210
URINE SUGAR, DEFINITE OR TRACE	-0.03	0.00	0.00	0.05	0.04	-0.01	-0.01	212	571	554	459	455	403	208
URINE ALBUMIN, DEFINITE OR TRACE	0.14	0.11	0.08	0.13	0.23	0.15	0.12	212	571	554	459	455	403	208
SMOKING NOW	-0.06	-0.09	-0.14	-0.15	-0.07	-0.04	-0.08	212	571	553	458	453	401	210
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.11	0.04	0.07	0.04	0.04	0.01	-0.00	213	573	556	460	456	405	210

Table 5-6A

5 OCTOBER 1967

CHARACTERISTIC, BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.21	0.35	0.28	0.25	0.30	0.22	0.09	184	477	395	394	348	323	177
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.77	0.72	0.78	0.77	0.85	0.84	0.82	178	472	378	391	335	318	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.64	0.56	0.66	0.63	0.73	0.73	0.70	178	472	378	391	334	318	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.86	0.80	0.84	0.83	0.89	0.86	0.87	184	481	396	397	349	325	179
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.68	0.59	0.69	0.64	0.71	0.72	0.69	184	481	396	397	349	325	179
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	184	481	396	397	349	325	179
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.80	0.71	0.77	0.75	0.82	0.83	0.80	184	481	396	397	349	325	179
SERUM CHOLESTEROL	0.07	0.12	0.17	0.12	0.05	0.09	0.02	182	471	382	394	340	320	174
HEMOGLOBIN	0.17	0.12	0.10	0.11	0.05	0.11	0.05	180	464	381	392	336	315	171
PHOSPHOLIPID	0.10	0.18	0.19	0.20	0.20	0.16	0.02	181	470	382	394	338	319	174
BLOOD SUGAR	0.19	0.03	0.24	0.10	0.16	0.03	-0.04	183	471	387	394	342	320	171
URIC ACID	0.27	0.14	0.20	0.19	0.13	0.12	0.10	182	471	381	394	340	319	174
WEIGHT	0.19	0.33	0.27	0.14	0.25	0.19	0.03	184	481	396	397	349	324	179
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.15	0.13	0.02	0.10	-0.01	0.07	-0.12	123	342	285	258	209	178	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.10	0.10	0.18	0.18	0.17	0.15	-0.05	144	375	305	300	248	229	109
VITAL CAPACITY	-0.10	-0.02	-0.10	-0.17	-0.24	-0.06	-0.08	183	480	395	397	349	324	177
DEFINITE GCE BY X-RAY	0.29	0.00	0.10	0.09	0.26	0.11	0.21	184	479	396	397	349	325	179
DEFINITE LVH BY X-RAY	0.53	0.12	0.27	0.13	0.18	0.11	0.21	184	479	396	397	349	325	179
DEFINITE HEART ENLARGEMENT BY X-RAY	0.29	0.07	0.26	0.14	0.22	0.14	0.21	184	479	396	397	349	325	179
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.26	0.13	0.19	0.34	0.29	0.19	0.06	184	481	396	397	349	325	179
DEFINITE OR DOUBTFUL LVH BY ECG	0.34	0.21	0.25	0.39	0.29	0.25	0.32	184	481	396	397	349	325	179
URINE SUGAR, DEFINITE OR TRACE	0.10	-0.02	-0.03	0.02	0.07	-0.01	0.06	183	476	394	396	348	323	178
URINE ALBUMIN, DEFINITE OR TRACE	0.47	0.05	0.01	0.15	0.25	0.11	0.18	183	476	394	396	348	323	178
SMOKING NOW	-0.09	-0.06	-0.05	0.06	-0.05	-0.05	0.05	183	479	393	395	343	323	178
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.12	0.06	0.08	0.10	0.17	0.04	-0.01	184	481	396	397	349	325	179

Table 5-6B

5 OCTOBER 1967

CHARACTERISTIC, BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.20	0.41	0.35	0.40	0.29	0.33	0.28	209	560	543	453	451	400	208
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.62	0.67	0.79	0.83	0.82	0.83	0.83	206	547	531	440	437	389	202
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.50	0.55	0.72	0.73	0.74	0.72	0.63	204	546	531	440	435	389	202
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.70	0.70	0.85	0.86	0.88	0.86	0.87	210	568	548	454	454	400	209
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.47	0.59	0.77	0.77	0.76	0.73	0.69	210	568	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	210	568	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.69	0.76	0.84	0.85	0.84	0.84	0.80	210	568	548	454	454	400	209
SERUM CHOLESTEROL	0.19	0.15	0.07	0.09	0.14	0.01	-0.08	204	546	532	439	440	388	200
HEMOGLOBIN	0.05	-0.01	0.15	0.10	0.15	0.12	0.11	206	545	520	432	434	380	200
PHOSPHOLIPID	0.14	0.14	0.13	0.08	0.12	-0.03	0.03	203	545	532	437	439	386	199
BLOOD SUGAR	0.08	0.14	0.11	0.14	0.10	-0.02	0.20	208	555	534	442	440	386	205
URIC ACID	0.15	0.14	0.16	0.08	0.16	0.15	-0.05	204	546	531	438	438	388	200
WEIGHT	0.20	0.37	0.32	0.37	0.25	0.30	0.26	210	565	548	454	454	400	209
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.06	-0.01	-0.04	0.03	-0.07	0.14	0.13	117	318	277	174	142	102	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.03	-0.01	0.09	-0.00	0.03	0.14	0.27	126	376	329	252	219	175	87
VITAL CAPACITY	0.02	-0.09	-0.09	-0.12	-0.12	-0.26	-0.07	209	567	548	454	453	400	208
DEFINITE GCE BY X-RAY	0.04	0.05	0.08	0.10	0.16	0.18	0.22	210	567	548	454	454	400	209
DEFINITE LVH BY X-RAY	0.10	0.12	0.18	0.18	0.25	0.27	0.22	210	567	548	454	454	400	209
DEFINITE HEART ENLARGEMENT BY X-RAY	0.09	0.11	0.17	0.18	0.28	0.27	0.26	210	567	548	454	454	400	209
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.04	0.05	0.20	0.02	0.22	0.21	0.15	210	568	548	454	454	400	209
DEFINITE OR DOUBTFUL LVH BY ECG	-0.03	0.01	0.24	0.16	0.30	0.37	0.18	210	568	548	454	454	400	209
URINE SUGAR, DEFINITE OR TRACE	-0.03	-0.02	0.02	0.13	-0.04	-0.02	0.12	209	567	547	453	453	398	207
URINE ALBUMIN, DEFINITE OR TRACE	0.17	0.13	0.10	0.13	0.19	0.15	0.28	209	567	547	453	453	398	207
SMOKING NOW	-0.11	-0.06	-0.12	-0.09	-0.13	-0.06	-0.11	209	566	545	452	451	397	209
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.03	0.06	0.11	0.02	0.05	-0.04	-0.01	210	568	548	454	454	400	209

Table 5-7A

5 OCTOBER 1967

CHARACTERISTIC, BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.30	0.44	0.31	0.35	0.37	0.23	0.15	184	477	395	394	348	323	177
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.67	0.55	0.65	0.61	0.70	0.73	0.71	178	472	378	391	335	318	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.70	0.68	0.74	0.73	0.76	0.81	0.81	178	472	378	391	334	318	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.73	0.61	0.65	0.68	0.75	0.74	0.78	184	481	396	397	349	325	179
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.77	0.75	0.79	0.78	0.83	0.84	0.86	184	481	396	397	349	325	179
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.80	0.71	0.77	0.75	0.82	0.83	0.80	184	481	396	397	349	325	179
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	184	481	396	397	349	325	179
SERUM CHOLESTEROL	0.18	0.16	0.14	0.09	0.07	0.05	0.06	182	471	382	394	340	320	174
HEMOGLOBIN	0.18	0.14	0.11	0.20	0.11	0.15	0.17	180	464	381	392	336	315	171
PHOSPHOLIPID	0.13	0.16	0.19	0.18	0.19	0.13	0.05	181	470	382	394	338	319	174
BLOOD SUGAR	0.17	0.04	0.07	0.12	0.11	-0.03	-0.12	183	471	387	394	342	320	171
URIC ACID	0.30	0.20	0.21	0.21	0.15	0.11	0.10	182	471	381	394	340	319	174
WEIGHT	0.27	0.42	0.29	0.27	0.31	0.21	0.12	184	481	396	397	349	324	179
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.11	0.14	-0.04	0.02	0.08	0.05	-0.01	123	342	285	258	209	178	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.14	0.11	0.20	0.14	0.17	0.12	-0.17	144	375	305	300	248	229	109
VITAL CAPACITY	-0.11	-0.03	-0.11	-0.09	-0.18	-0.01	-0.03	183	480	395	397	349	324	177
DEFINITE GCE BY X-RAY	0.29	-0.09	-0.00	0.06	0.17	0.06	0.26	184	479	396	397	349	325	179
DEFINITE LVH BY X-RAY	0.52	0.02	0.15	0.06	0.15	0.06	0.20	184	479	396	397	349	325	179
DEFINITE HEART ENLARGEMENT BY X-RAY	0.29	-0.03	0.16	0.11	0.18	0.09	0.23	184	479	396	397	349	325	179
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.28	0.03	0.02	0.15	0.20	0.16	0.01	184	481	396	397	349	325	179
DEFINITE OR DOUBTFUL LVH BY ECG	0.39	0.08	0.08	0.21	0.22	0.23	0.23	184	481	396	397	349	325	179
URINE SUGAR, DEFINITE OR TRACE	0.04	-0.02	0.00	0.05	0.04	-0.06	0.06	183	476	394	396	348	323	178
URINE ALBUMIN, DEFINITE OR TRACE	0.46	0.02	-0.00	0.15	0.24	0.03	0.07	183	476	394	396	348	323	178
SMOKING NOW	-0.08	-0.12	-0.12	-0.01	-0.08	-0.09	-0.02	183	479	393	395	343	323	178
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.19	0.05	0.08	0.03	0.11	0.02	-0.00	184	481	396	397	349	325	179

Table 5-7B

5 OCTOBER 1967

CHARACTERISTIC, BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.24	0.37	0.40	0.42	0.33	0.31	0.21	209	560	543	453	451	400	208
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.52	0.55	0.68	0.77	0.70	0.71	0.71	206	547	531	440	437	389	202
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.60	0.64	0.75	0.82	0.77	0.79	0.75	204	546	531	440	435	389	202
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.58	0.59	0.76	0.76	0.73	0.73	0.74	210	568	548	454	454	400	209
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.62	0.70	0.82	0.84	0.80	0.84	0.79	210	568	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.69	0.76	0.84	0.85	0.84	0.84	0.80	210	568	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	210	568	548	454	454	400	209
SERUM CHOLESTEROL	0.15	0.13	0.04	0.13	0.09	0.02	-0.00	204	546	532	439	440	388	200
HEMOGLOBIN	0.10	0.11	0.15	0.15	0.16	0.17	0.20	206	545	520	432	434	380	200
PHOSPHOLIPID	0.16	0.13	0.14	0.08	0.10	-0.06	0.02	203	545	532	437	439	386	199
BLOOD SUGAR	0.10	0.08	0.07	0.03	0.08	-0.01	0.10	208	555	534	442	440	386	205
URIC ACID	0.12	0.18	0.16	0.09	0.11	0.13	-0.03	204	546	531	438	438	388	200
WEIGHT	0.23	0.33	0.36	0.40	0.28	0.30	0.21	210	565	548	454	454	400	209
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.10	0.02	-0.10	0.04	-0.00	0.20	-0.00	117	318	277	174	142	102	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.08	0.02	0.08	0.02	-0.00	0.14	0.15	126	376	329	252	219	175	87
VITAL CAPACITY	-0.02	-0.05	-0.08	-0.13	-0.12	-0.19	0.00	209	567	548	454	453	400	208
DEFINITE GCE BY X-RAY	0.05	0.01	0.05	0.08	0.14	0.16	0.16	210	567	548	454	454	400	209
DEFINITE LVH BY X-RAY	0.10	0.14	0.17	0.22	0.23	0.29	0.14	210	567	548	454	454	400	209
DEFINITE HEART ENLARGEMENT BY X-RAY	0.10	0.11	0.16	0.19	0.24	0.27	0.21	210	567	548	454	454	400	209
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.06	0.06	0.21	0.03	0.15	0.23	0.15	210	568	548	454	454	400	209
DEFINITE OR DOUBTFUL LVH BY ECG	0.05	0.04	0.25	0.09	0.19	0.37	0.17	210	568	548	454	454	400	209
URINE SUGAR, DEFINITE OR TRACE	0.03	0.01	0.02	0.04	-0.00	-0.02	0.03	209	567	547	453	453	398	207
URINE ALBUMIN, DEFINITE OR TRACE	0.15	0.08	0.08	0.14	0.21	0.10	0.18	209	567	547	453	453	398	207
SMOKING NOW	-0.04	-0.07	-0.13	-0.15	-0.06	-0.06	-0.11	209	566	545	452	451	397	209
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.02	0.05	0.11	0.04	0.02	0.00	0.06	210	568	548	454	454	400	209

Table 5-8A

5 OCTOBER 1967

CHARACTERISTIC, BLOOD SUGAR
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.09	0.08	0.04	0.07	0.09	-0.00	0.18	183	469	392	400	341	323	169
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.07	0.11	0.20	0.09	0.23	0.08	-0.02	177	468	379	396	335	320	171
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.16	0.01	0.10	0.09	0.17	0.01	-0.11	177	468	379	396	334	320	171
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.13	0.09	0.19	0.07	0.19	0.04	-0.08	183	473	392	403	342	325	171
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.13	0.01	0.02	0.07	0.05	-0.06	-0.14	183	473	392	403	342	325	171
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.19	0.03	0.24	0.10	0.16	0.03	-0.04	183	471	387	394	342	320	171
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.17	0.04	0.07	0.12	0.11	-0.03	-0.12	183	471	387	394	342	320	171
SERUM CHOLESTEROL	0.01	0.01	0.07	0.05	-0.08	0.03	-0.03	181	469	383	400	340	322	171
HEMOGLOBIN	-0.02	-0.02	0.04	0.02	-0.05	0.00	0.05	179	465	384	400	336	319	170
PHOSPHOLIPID	0.03	0.16	0.11	0.10	0.05	0.09	-0.01	180	468	383	400	338	321	171
BLOOD SUGAR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	183	473	392	403	342	325	171
URIC ACID	0.01	-0.04	0.09	-0.01	-0.08	-0.09	-0.07	181	469	382	400	340	321	171
WEIGHT	-0.13	0.05	0.04	0.06	0.11	-0.04	0.12	183	473	392	403	342	324	171
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	-0.11	-0.03	0.09	-0.02	0.05	0.07	-0.11	122	338	283	263	209	178	82
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.01	-0.05	-0.07	0.04	-0.00	-0.02	-0.03	143	373	303	301	247	227	106
VITAL CAPACITY	-0.12	-0.01	0.01	0.00	-0.06	-0.08	-0.08	182	473	391	403	342	324	169
DEFINITE GCE BY X-RAY	-0.03	-0.00	0.09	-0.03	0.04	0.00	-0.03	183	471	392	403	342	325	171
DEFINITE LVH BY X-RAY	0.04	0.05	0.06	-0.02	0.14	-0.00	-0.03	183	471	392	403	342	325	171
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.03	0.04	0.09	-0.03	0.13	-0.00	-0.04	183	471	392	403	342	325	171
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.02	0.03	0.22	0.21	0.19	0.07	0.08	183	473	392	403	342	325	171
DEFINITE OR DOUBTFUL LVH BY ECG	0.09	0.00	0.21	0.01	0.19	0.09	0.06	183	473	392	403	342	325	171
URINE SUGAR, DEFINITE OR TRACE	0.61	0.31	0.03	0.39	0.31	0.43	0.66	182	468	390	402	341	323	170
URINE ALBUMIN, DEFINITE OR TRACE	0.63	0.26	-0.01	0.02	0.05	0.02	-0.06	182	468	390	402	341	323	170
SMOKING NOW	-0.03	0.02	0.03	0.04	-0.02	-0.04	-0.15	182	472	391	401	342	324	171
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.01	0.05	0.09	0.32	0.15	-0.01	0.14	183	473	392	403	342	325	171

Table 5-8B

5 OCTOBER 1967

CHARACTERISTIC, BLOOD SUGAR
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.00	0.14	0.01	0.04	0.12	0.13	0.02	209	550	535	446	439	391	205
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.12	0.11	0.10	0.10	0.14	0.02	0.20	208	545	526	437	431	386	199
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.03	0.06	0.06	0.02	0.15	-0.03	0.16	206	544	526	437	429	386	199
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.08	0.11	0.10	0.15	0.14	-0.02	0.14	210	558	540	447	442	391	206
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.00	0.04	0.05	0.02	0.10	-0.03	0.09	210	558	540	447	442	391	206
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.08	0.14	0.11	0.14	0.10	-0.02	0.20	208	555	534	442	440	386	205
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.10	0.08	0.07	0.03	0.08	-0.01	0.10	208	555	534	442	440	386	205
SERUM CHOLESTEROL	-0.06	-0.00	0.11	-0.00	0.03	0.00	0.00	206	548	529	438	436	388	201
HEMOGLOBIN	-0.03	-0.08	-0.00	0.04	0.06	0.04	-0.10	208	548	526	436	435	385	201
PHOSPHOLIPID	0.02	0.02	0.20	0.17	0.06	0.13	0.29	205	546	529	436	435	386	200
BLOOD SUGAR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	210	558	540	447	442	391	206
URIC ACID	-0.14	0.06	0.03	0.01	0.03	-0.07	-0.01	206	548	528	437	434	388	201
WEIGHT	0.01	0.13	-0.01	0.01	0.10	0.12	0.01	210	555	540	447	442	391	206
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.15	-0.13	-0.05	-0.05	-0.06	-0.02	-0.22	119	313	272	171	141	100	32
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.11	-0.08	-0.02	-0.04	-0.00	0.10	-0.05	127	375	323	249	217	172	86
VITAL CAPACITY	-0.05	-0.00	-0.05	0.04	-0.02	-0.02	-0.04	209	557	540	447	441	391	205
DEFINITE GCE BY X-RAY	-0.02	0.10	-0.05	0.04	0.03	-0.03	0.25	210	557	540	447	442	391	206
DEFINITE LVH BY X-RAY	-0.01	0.02	-0.02	0.03	0.06	0.01	0.15	210	557	540	447	442	391	206
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.01	0.08	-0.05	0.03	0.02	0.01	0.17	210	557	540	447	442	391	206
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.09	0.04	0.03	0.09	0.08	0.02	0.22	210	558	540	447	442	391	206
DEFINITE OR DOUBTFUL LVH BY ECG	-0.09	-0.01	-0.08	0.04	0.14	0.04	0.11	210	558	540	447	442	391	206
URINE SUGAR, DEFINITE OR TRACE	0.82	0.17	0.20	0.48	0.55	0.62	0.74	209	557	538	446	441	389	204
URINE ALBUMIN, DEFINITE OR TRACE	-0.01	-0.02	0.06	0.03	0.16	-0.01	0.22	209	557	538	446	441	389	204
SMOKING NOW	-0.06	-0.04	0.01	0.04	-0.09	-0.04	-0.09	210	558	539	447	442	390	206
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.00	0.03	0.04	-0.01	-0.01	0.07	0.04	210	558	540	447	442	391	206

Table 5-9A

5 OCTOBER 1967

CHARACTERISTIC, SERUM CHOLESTEROL
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.28	0.22	0.15	0.16	0.10	0.02	0.08	182	468	386	400	339	323	172
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.06	0.14	0.16	0.10	-0.00	0.07	0.11	178	471	379	399	334	322	174
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.15	0.11	0.13	0.06	0.04	0.03	0.08	178	471	379	399	333	322	174
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.06	0.15	0.14	0.09	0.08	0.09	0.07	182	472	386	403	340	325	174
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.17	0.20	0.15	0.07	0.13	0.06	0.09	182	472	386	403	340	325	174
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.07	0.12	0.17	0.12	0.05	0.09	0.02	182	471	382	394	340	320	174
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.18	0.16	0.14	0.09	0.07	0.05	0.06	182	471	382	394	340	320	174
SERUM CHOLESTEROL	1.00	1.00	1.00	1.00	1.00	1.00	1.00	182	472	386	403	340	325	174
HEMOGLOBIN	0.14	0.16	0.15	-0.04	0.11	0.11	0.03	180	465	384	400	336	319	171
PHOSPHOLIPID	0.68	0.63	0.59	0.55	0.58	0.56	0.60	181	471	386	403	338	323	174
BLOOD SUGAR	0.01	0.01	0.07	0.05	-0.08	0.03	-0.03	181	469	383	400	340	322	171
URIC ACID	0.14	0.12	0.07	0.09	0.14	0.03	0.08	182	472	385	403	340	324	174
WEIGHT	0.22	0.19	0.14	0.12	0.02	0.03	0.04	182	472	386	403	340	324	174
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	-0.05	0.07	0.05	0.02	0.01	0.11	0.04	123	337	279	265	207	177	85
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.03	0.00	0.01	0.05	-0.01	-0.01	0.03	144	375	304	303	246	229	107
VITAL CAPACITY	-0.10	-0.07	-0.02	-0.02	-0.02	0.03	-0.13	181	472	385	403	340	324	172
DEFINITE GCE BY X-RAY	0.01	-0.02	-0.02	0.01	-0.09	-0.03	-0.08	182	472	386	403	340	325	174
DEFINITE LVH BY X-RAY	0.01	0.00	-0.02	-0.00	-0.03	0.03	0.04	182	472	386	403	340	325	174
DEFINITE HEART ENLARGEMENT BY X-RAY	0.01	-0.01	-0.02	0.03	-0.05	-0.01	0.02	182	472	386	403	340	325	174
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.08	0.10	-0.02	0.09	0.04	0.08	0.11	182	472	386	403	340	325	174
DEFINITE OR DOUBTFUL LVH BY ECG	0.03	0.09	0.11	0.06	-0.05	0.05	0.07	182	472	386	403	340	325	174
URINE SUGAR, DEFINITE OR TRACE	0.02	0.10	-0.06	0.01	0.09	0.08	-0.06	181	467	384	402	339	323	173
URINE ALBUMIN, DEFINITE OR TRACE	-0.01	-0.01	-0.02	0.04	0.09	0.02	0.04	181	467	384	402	339	323	173
SMOKING NOW	0.06	0.02	0.03	0.05	-0.02	-0.05	-0.09	182	471	386	402	340	324	174
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.11	0.09	0.03	0.04	0.08	0.06	0.07	182	472	386	403	340	325	174

Table 5-9B

5 OCTOBER 1967

CHARACTERISTIC, SERUM CHOLESTEROL
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.07	0.08	0.02	0.07	-0.00	-0.06	-0.15	205	542	535	442	438	393	200
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.11	0.16	0.02	0.13	0.16	-0.04	-0.03	204	542	529	435	432	388	194
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.19	0.20	0.02	0.15	0.13	0.00	-0.06	203	541	529	435	430	388	194
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.15	0.14	0.05	0.09	0.15	0.00	-0.12	206	550	540	443	441	393	201
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.10	0.17	0.06	0.15	0.13	0.01	-0.04	206	550	540	443	441	393	201
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.19	0.15	0.07	0.09	0.14	0.01	-0.08	204	546	532	439	440	388	200
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.15	0.13	0.04	0.13	0.09	0.02	-0.00	204	546	532	439	440	388	200
SERUM CHOLESTEROL	1.00	1.00	1.00	1.00	1.00	1.00	1.00	206	550	540	443	441	393	201
HEMOGLOBIN	0.08	0.14	0.07	0.19	0.14	0.10	0.07	204	544	524	433	432	384	199
PHOSPHOLIPID	0.60	0.60	0.56	0.57	0.59	0.60	0.50	205	547	540	441	440	391	200
BLOOD SUGAR	-0.06	-0.00	0.11	-0.00	0.03	0.00	0.00	206	548	529	438	436	388	201
URIC ACID	0.08	0.08	0.05	0.12	0.12	0.06	0.06	206	549	539	442	438	393	201
WEIGHT	0.02	0.05	0.01	0.07	-0.01	-0.07	-0.13	206	547	540	443	441	393	201
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.12	0.06	-0.03	0.11	0.03	-0.03	-0.02	116	309	275	169	139	101	31
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.04	0.03	-0.00	0.05	0.07	0.04	-0.22	124	373	325	248	218	174	84
VITAL CAPACITY	-0.05	-0.06	-0.10	-0.00	-0.01	-0.03	0.12	205	549	540	443	440	393	200
DEFINITE GCE BY X-RAY	-0.03	-0.03	-0.01	-0.10	-0.07	-0.09	-0.06	206	549	540	443	441	393	201
DEFINITE LVH BY X-RAY	-0.02	-0.01	-0.04	-0.06	0.01	0.06	0.01	206	549	540	443	441	393	201
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.03	-0.03	-0.05	-0.10	-0.03	-0.02	-0.03	206	549	540	443	441	393	201
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.09	0.05	-0.00	0.01	0.06	0.04	0.10	206	550	540	443	441	393	201
DEFINITE OR DOUBTFUL LVH BY ECG	0.11	-0.01	0.00	0.09	-0.00	-0.02	0.04	206	550	540	443	441	393	201
URINE SUGAR, DEFINITE OR TRACE	-0.00	0.01	0.07	0.00	-0.02	0.02	-0.00	205	549	538	442	440	391	199
URINE ALBUMIN, DEFINITE OR TRACE	0.04	0.08	-0.04	0.02	0.08	0.04	0.01	205	549	538	442	440	391	199
SMOKING NOW	-0.03	0.04	0.11	0.09	0.01	-0.07	0.11	206	550	539	443	441	392	201
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.00	0.05	0.01	0.04	0.10	0.08	0.11	206	550	540	443	441	393	201

Table 5-10A

5 OCTOBER 1967

CHARACTERISTIC, CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.10	0.15	0.03	0.13	-0.00	0.04	0.00	123	340	288	264	208	179	87
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.18	0.11	0.02	0.07	0.02	0.01	-0.06	121	337	278	263	205	176	88
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.08	0.16	0.04	0.01	0.04	0.02	0.00	121	337	278	263	205	176	88
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.15	0.13	0.03	0.07	0.06	0.01	-0.09	123	343	288	266	209	181	88
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.11	0.11	0.02	-0.07	0.07	0.06	0.09	123	343	288	266	209	181	88
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.15	0.13	0.02	0.10	-0.01	0.07	-0.12	123	342	285	258	209	178	88
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.11	0.14	-0.04	0.02	0.08	0.05	-0.01	123	342	285	258	209	178	88
SERUM CHOLESTEROL	-0.05	0.07	0.05	0.02	0.01	0.11	0.04	123	337	279	265	207	177	85
HEMOGLOBIN	0.00	0.07	0.12	-0.00	0.09	0.19	0.06	121	333	279	262	204	174	82
PHOSPHOLIPID	-0.07	0.10	0.04	0.04	0.01	0.05	-0.00	122	337	279	265	207	177	85
BLOOD SUGAR	-0.11	-0.03	0.09	-0.02	0.05	0.07	-0.11	122	338	283	263	209	178	82
URIC ACID	0.17	0.12	0.02	0.11	-0.00	-0.12	-0.08	123	337	278	265	207	176	85
WEIGHT	0.06	0.17	-0.00	0.13	0.02	0.04	0.12	123	343	288	266	209	180	88
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	1.00	1.00	1.00	1.00	1.00	1.00	1.00	123	343	288	266	209	181	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.11	0.06	0.22	0.15	0.31	0.17	0.22	104	265	234	203	153	130	54
VITAL CAPACITY	-0.08	-0.04	-0.02	-0.02	-0.08	-0.20	-0.01	122	343	287	266	209	180	87
DEFINITE GCE BY X-RAY	0.11	0.12	0.02	-0.02	-0.03	-0.07	0.0	123	342	288	266	209	181	88
DEFINITE LVH BY X-RAY	0.17	-0.01	0.04	-0.03	-0.08	0.00	-0.02	123	342	288	266	209	181	88
DEFINITE HEART ENLARGEMENT BY X-RAY	0.11	0.08	0.03	-0.06	-0.07	-0.00	-0.02	123	342	288	266	209	181	88
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.09	-0.08	0.01	-0.05	0.06	0.05	0.01	123	343	288	266	209	181	88
DEFINITE OR DOUBTFUL LVH BY ECG	0.00	-0.02	0.03	-0.03	0.16	0.02	-0.10	123	343	288	266	209	181	88
URINE SUGAR, DEFINITE OR TRACE	-0.02	-0.02	-0.00	-0.02	0.05	-0.05	-0.04	122	338	286	265	209	180	87
URINE ALBUMIN, DEFINITE OR TRACE	0.12	0.06	-0.07	-0.08	-0.04	0.05	-0.12	122	338	286	265	209	180	87
SMOKING NOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	123	343	288	266	209	181	88
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.09	-0.05	-0.09	-0.04	-0.03	-0.03	0.03	123	343	288	266	209	181	88

Table 5-10B

5 OCTOBER 1967

CHARACTERISTIC, CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.03	-0.02	-0.13	0.00	-0.09	-0.04	-0.07	119	315	277	175	142	103	35
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.27	0.05	-0.07	0.06	-0.00	0.22	-0.09	118	312	273	169	138	100	35
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.19	0.02	-0.12	0.05	-0.00	0.19	-0.07	116	312	273	169	138	100	35
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.09	-0.01	-0.04	0.06	-0.04	0.18	-0.10	119	320	279	175	143	103	35
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.05	-0.02	-0.09	0.11	-0.04	0.16	-0.07	119	320	279	175	143	103	35
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.06	-0.01	-0.04	0.03	-0.07	0.14	0.13	117	318	277	174	142	102	35
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.10	0.02	-0.10	0.04	-0.00	0.20	-0.00	117	318	277	174	142	102	35
SERUM CHOLESTEROL	0.12	0.06	-0.03	0.11	0.03	-0.03	-0.02	116	309	275	169	139	101	31
HEMOGLOBIN	0.15	0.22	0.10	0.17	0.14	0.11	0.05	119	307	266	167	141	99	31
PHOSPHOLIPID	0.29	0.01	0.01	0.12	0.08	-0.03	0.01	116	307	275	169	138	100	31
BLOOD SUGAR	0.15	-0.13	-0.05	-0.05	-0.06	-0.02	-0.22	119	313	272	171	141	100	32
URIC ACID	0.10	-0.05	-0.05	0.00	-0.05	0.12	0.11	116	308	274	169	138	101	31
WEIGHT	0.02	-0.02	-0.12	-0.00	-0.08	-0.08	-0.05	119	318	279	175	143	103	35
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	1.00	1.00	1.00	1.00	1.00	1.00	1.00	119	320	279	175	143	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.05	0.18	0.03	0.14	0.04	0.47	0.10	81	241	205	118	96	61	21
VITAL CAPACITY	-0.09	-0.06	-0.06	-0.12	-0.04	-0.12	-0.22	119	320	279	175	143	103	35
DEFINITE GCE BY X-RAY	-0.04	-0.06	-0.08	-0.09	-0.12	-0.05	0.22	119	320	279	175	143	103	35
DEFINITE LVH BY X-RAY	0.0	0.12	-0.01	-0.05	-0.02	-0.01	0.17	119	320	279	175	143	103	35
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.04	0.09	-0.06	-0.11	-0.06	-0.01	0.25	119	320	279	175	143	103	35
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.07	-0.02	-0.04	0.02	-0.02	0.18	0.12	119	320	279	175	143	103	35
DEFINITE OR DOUBTFUL LVH BY ECG	-0.01	0.03	-0.03	0.05	-0.04	0.18	-0.11	119	320	279	175	143	103	35
URINE SUGAR, DEFINITE OR TRACE	0.0	-0.02	-0.03	-0.00	0.07	0.02	0.0	118	319	279	174	143	102	34
URINE ALBUMIN, DEFINITE OR TRACE	0.04	-0.02	0.01	-0.12	-0.07	0.08	-0.00	118	319	279	174	143	102	34
SMOKING NOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119	320	279	175	143	103	35
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.09	0.03	-0.07	0.01	-0.07	0.14	-0.01	119	320	279	175	143	103	35

Table 5-11A

5 OCTOBER 1967

CHARACTERISTIC, FRAMINGHAM RELATIVE WEIGHT
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00	184	480	400	404	348	329	177
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.16	0.30	0.25	0.23	0.31	0.25	0.15	178	469	383	397	334	322	175
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.37	0.40	0.35	0.33	0.39	0.27	0.19	178	469	383	397	333	322	175
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.23	0.33	0.22	0.19	0.30	0.22	0.11	184	480	400	404	348	329	177
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.37	0.45	0.33	0.26	0.34	0.25	0.21	184	480	400	404	348	329	177
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.21	0.35	0.28	0.25	0.30	0.22	0.09	184	477	395	394	348	323	177
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.30	0.44	0.31	0.35	0.37	0.23	0.15	184	477	395	394	348	323	177
SERUM CHOLESTEROL	0.28	0.22	0.15	0.16	0.10	0.02	0.08	182	468	386	400	339	323	172
HEMOGLOBIN	0.25	0.16	0.16	0.15	0.13	0.08	0.23	180	461	386	397	335	317	169
PHOSPHOLIPID	0.31	0.17	0.24	0.20	0.14	0.08	0.15	181	467	386	400	337	321	172
BLOOD SUGAR	-0.09	0.08	0.04	0.07	0.09	-0.00	0.18	183	469	392	400	341	323	169
URIC ACID	0.42	0.31	0.33	0.27	0.30	0.29	0.26	182	468	385	400	339	322	172
WEIGHT	0.90	0.91	0.87	0.89	0.89	0.90	0.91	184	480	400	404	348	329	177
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.10	0.15	0.03	0.13	-0.00	0.04	0.00	123	340	288	264	208	179	87
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.03	-0.04	0.13	0.04	0.09	0.12	-0.10	144	373	307	301	247	229	109
VITAL CAPACITY	-0.06	-0.00	-0.06	-0.00	-0.17	-0.02	-0.03	183	479	399	404	348	328	175
DEFINITE GCE BY X-RAY	0.02	-0.05	0.07	0.07	0.04	0.06	-0.01	184	478	400	404	348	329	177
DEFINITE LVH BY X-RAY	-0.02	0.06	0.11	0.08	0.06	0.15	0.06	184	478	400	404	348	329	177
DEFINITE HEART ENLARGEMENT BY X-RAY	0.02	0.02	0.13	0.12	0.07	0.17	0.06	184	478	400	404	348	329	177
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.16	0.08	-0.01	0.08	0.13	0.12	0.16	184	480	400	404	348	329	177
DEFINITE OR DOUBTFUL LVH BY ECG	0.10	0.02	0.01	0.08	0.02	0.03	0.02	184	480	400	404	348	329	177
URINE SUGAR, DEFINITE OR TRACE	-0.14	-0.00	-0.06	0.03	0.11	-0.04	0.17	183	475	398	403	347	327	176
URINE ALBUMIN, DEFINITE OR TRACE	-0.08	0.19	-0.04	0.01	0.20	-0.00	-0.09	183	475	398	403	347	327	176
SMOKING NOW	0.01	-0.11	-0.07	-0.12	-0.13	-0.16	-0.16	183	477	398	402	342	327	176
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.21	0.14	0.00	0.00	0.15	0.16	0.14	184	480	400	404	348	329	177

Table 5-11B

5 OCTOBER 1967

CHARACTERISTIC, FRAMINGHAM RELATIVE WEIGHT
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00	212	565	551	459	453	405	209
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.20	0.29	0.31	0.41	0.29	0.30	0.22	207	544	535	445	435	394	202
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.25	0.36	0.39	0.42	0.40	0.31	0.24	205	543	535	445	433	394	202
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.14	0.32	0.33	0.39	0.28	0.28	0.23	212	565	551	459	453	405	209
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.17	0.36	0.38	0.39	0.34	0.29	0.15	212	565	551	459	453	405	209
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.20	0.41	0.35	0.40	0.29	0.33	0.28	209	560	543	453	451	400	208
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.24	0.37	0.40	0.42	0.33	0.31	0.21	209	560	543	453	451	400	208
SERUM CHOLESTEROL	0.07	0.08	0.02	0.07	-0.00	-0.06	-0.15	205	542	535	442	438	393	200
HEMOGLOBIN	-0.02	0.08	0.08	0.05	0.03	0.24	0.17	207	540	522	435	432	385	200
PHOSPHOLIPID	0.04	0.08	0.12	0.08	0.02	0.02	0.06	204	540	535	440	437	391	199
BLOOD SUGAR	0.00	0.14	0.01	0.04	0.12	0.13	0.02	209	550	535	446	439	391	205
URIC ACID	0.25	0.33	0.24	0.22	0.28	0.21	0.21	205	542	534	441	436	393	200
WEIGHT	0.97	0.97	0.98	0.98	0.96	0.97	0.98	212	565	551	459	453	405	209
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.03	-0.02	-0.13	0.00	-0.09	-0.04	-0.07	119	315	277	175	142	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.09	-0.07	0.03	-0.12	-0.07	-0.02	0.13	126	372	325	254	217	176	86
VITAL CAPACITY	0.15	-0.02	0.03	-0.10	-0.00	-0.15	0.01	211	564	551	459	452	405	208
DEFINITE GCE BY X-RAY	0.18	0.08	0.07	0.13	0.13	0.10	0.23	212	565	551	459	453	405	209
DEFINITE LVH BY X-RAY	0.08	0.12	0.12	0.16	0.17	0.19	0.16	212	565	551	459	453	405	209
DEFINITE HEART ENLARGEMENT BY X-RAY	0.19	0.15	0.13	0.19	0.19	0.24	0.25	212	565	551	459	453	405	209
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.12	0.03	0.07	0.01	0.10	0.03	-0.01	212	565	551	459	453	405	209
DEFINITE OR DOUBTFUL LVH BY ECG	-0.03	-0.04	-0.01	0.03	0.09	0.09	-0.10	212	565	551	459	453	405	209
URINE SUGAR, DEFINITE OR TRACE	-0.03	-0.03	0.00	0.05	0.02	0.10	0.01	211	563	549	458	452	403	207
URINE ALBUMIN, DEFINITE OR TRACE	-0.02	0.01	0.01	0.04	0.12	0.12	0.11	211	563	549	458	452	403	207
SMOKING NOW	-0.16	-0.11	-0.16	-0.14	-0.11	-0.08	-0.16	211	563	548	457	450	401	209
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.11	0.02	0.06	0.01	0.05	-0.03	-0.01	212	565	551	459	453	405	209

Table 5-13A

5 OCTOBER 1967

CHARACTERISTIC, HEMOGLOBIN
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.25	0.16	0.16	0.15	0.13	0.08	0.23	180	461	386	397	335	317	169
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.10	0.18	0.10	0.20	0.04	0.12	0.16	176	464	380	396	330	316	171
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.24	0.22	0.13	0.23	0.17	0.22	0.17	176	464	380	396	329	316	171
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.13	0.18	0.04	0.12	0.09	0.08	0.07	180	465	386	400	336	319	171
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.21	0.21	0.11	0.19	0.18	0.19	0.14	180	465	386	400	336	319	171
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.17	0.12	0.10	0.11	0.05	0.11	0.05	180	464	381	392	336	315	171
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.18	0.14	0.11	0.20	0.11	0.15	0.17	180	464	381	392	336	315	171
SERUM CHOLESTEROL	0.14	0.16	0.15	-0.04	0.11	0.11	0.03	180	465	384	400	336	319	171
HEMOGLOBIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	180	465	386	400	336	319	171
PHOSPHOLIPID	0.14	0.06	0.12	-0.14	0.03	0.02	-0.01	180	465	384	400	334	318	171
BLOOD SUGAR	-0.02	-0.02	0.04	0.02	-0.05	0.00	0.05	179	465	384	400	336	319	170
URIC ACID	0.07	0.07	0.12	0.02	0.06	-0.03	0.14	180	465	383	400	336	318	171
WEIGHT	0.25	0.17	0.17	0.15	0.13	0.10	0.22	180	465	386	400	336	318	171
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.00	0.07	0.12	-0.00	0.09	0.19	0.06	121	333	279	262	204	174	82
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.00	0.08	0.19	0.07	-0.01	-0.01	-0.28	144	371	303	301	243	226	106
VITAL CAPACITY	-0.15	0.05	0.02	0.02	-0.01	-0.02	-0.03	179	465	385	400	336	318	169
DEFINITE GCE BY X-RAY	0.08	-0.01	-0.00	-0.10	0.04	0.02	0.10	180	465	386	400	336	319	171
DEFINITE LVH BY X-RAY	0.0	0.08	-0.09	-0.02	0.06	0.03	0.25	180	465	386	400	336	319	171
DEFINITE HEART ENLARGEMENT BY X-RAY	0.08	0.05	-0.09	-0.07	0.07	0.03	0.25	180	465	386	400	336	319	171
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.09	-0.04	-0.03	-0.01	0.02	0.12	0.06	180	465	386	400	336	319	171
DEFINITE OR DOUBTFUL LVH BY ECG	0.10	-0.09	0.00	-0.04	0.06	0.08	0.13	180	465	386	400	336	319	171
URINE SUGAR, DEFINITE OR TRACE	-0.06	0.01	-0.02	0.03	0.02	0.13	0.01	179	460	384	399	335	317	170
URINE ALBUMIN, DEFINITE OR TRACE	-0.01	0.00	-0.13	0.11	0.02	-0.17	-0.05	179	460	384	399	335	317	170
SMOKING NOW	0.11	0.03	0.11	0.01	-0.06	0.11	0.06	180	464	386	399	336	318	171
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.08	-0.04	0.01	0.03	-0.01	-0.04	-0.00	180	465	386	400	336	319	171

Table 5-13B

5 OCTOBER 1967

CHARACTERISTIC, HEMOGLOBIN
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.02	0.08	0.08	0.05	0.03	0.24	0.17	207	540	522	435	432	385	200
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.11	0.07	0.18	0.15	0.15	0.09	0.15	206	540	517	429	427	380	194
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.18	0.14	0.20	0.16	0.18	0.16	0.26	204	539	517	429	425	380	194
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.08	0.05	0.17	0.11	0.17	0.15	0.14	208	548	526	436	435	385	201
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.14	0.14	0.18	0.14	0.18	0.20	0.20	208	548	526	436	435	385	201
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.05	-0.01	0.15	0.10	0.15	0.12	0.11	206	545	520	432	434	380	200
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.10	0.11	0.15	0.15	0.16	0.17	0.20	206	545	520	432	434	380	200
SERUM CHOLESTEROL	0.08	0.14	0.07	0.19	0.14	0.10	0.07	204	544	524	433	432	384	199
HEMOGLOBIN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	208	548	526	436	435	385	201
PHOSPHOLIPID	-0.06	0.12	0.01	0.06	0.07	0.05	0.06	203	542	524	431	431	382	198
BLOOD SUGAR	-0.03	-0.08	-0.00	0.04	0.06	0.04	-0.10	208	548	526	436	435	385	201
URIC ACID	0.06	0.05	0.11	0.04	0.01	0.13	0.14	204	544	523	432	431	384	199
WEIGHT	-0.02	0.07	0.08	0.08	0.00	0.23	0.16	208	545	526	436	435	385	201
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.15	0.22	0.10	0.17	0.14	0.11	0.05	119	307	266	167	141	99	31
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.05	0.01	0.10	0.13	-0.01	0.08	0.09	126	372	319	245	217	169	84
VITAL CAPACITY	-0.05	0.01	0.01	0.03	-0.10	0.00	-0.04	207	547	526	436	434	385	200
DEFINITE GCE BY X-RAY	-0.04	-0.07	-0.02	0.01	0.01	-0.01	0.11	208	547	526	436	435	385	201
DEFINITE LVH BY X-RAY	-0.09	-0.04	-0.02	0.01	-0.05	0.03	0.17	208	547	526	436	435	385	201
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.04	-0.05	-0.03	-0.03	-0.03	0.04	0.23	208	547	526	436	435	385	201
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.10	0.03	0.03	0.04	0.11	0.15	0.04	208	548	526	436	435	385	201
DEFINITE OR DOUBTFUL LVH BY ECG	0.14	0.03	0.05	0.11	-0.01	0.10	0.17	208	548	526	436	435	385	201
URINE SUGAR, DEFINITE OR TRACE	0.04	-0.02	-0.08	-0.04	0.05	0.04	-0.05	207	547	524	435	434	383	199
URINE ALBUMIN, DEFINITE OR TRACE	0.10	-0.00	0.08	0.03	0.05	0.05	0.05	207	547	524	435	434	383	199
SMOKING NOW	0.08	0.11	0.09	0.15	0.04	0.06	0.04	208	548	525	436	435	384	201
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.01	0.04	0.01	0.02	0.07	0.08	-0.10	208	548	526	436	435	385	201

Table 5-14A

5 OCTOBER 1967

CHARACTERISTIC, PHOSPHOLIPID
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.31	0.17	0.24	0.20	0.14	0.08	0.15	181	467	386	400	337	321	172
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.09	0.09	0.16	0.14	0.14	0.14	-0.03	177	470	379	399	332	320	174
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.20	0.17	0.20	0.16	0.14	0.09	0.01	177	470	379	399	331	320	174
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.10	0.21	0.18	0.17	0.21	0.21	0.04	181	471	386	403	338	323	174
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.17	0.20	0.22	0.16	0.22	0.11	0.04	181	471	386	403	338	323	174
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.10	0.18	0.19	0.20	0.20	0.16	0.02	181	470	382	394	338	319	174
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.13	0.16	0.19	0.18	0.19	0.13	0.05	181	470	382	394	338	319	174
SERUM CHOLESTEROL	0.68	0.63	0.59	0.55	0.58	0.56	0.60	181	471	386	403	338	323	174
HEMOGLOBIN	0.14	0.06	0.12	-0.14	0.03	0.02	-0.01	180	465	384	400	334	318	171
PHOSPHOLIPID	1.00	1.00	1.00	1.00	1.00	1.00	1.00	181	471	386	403	338	323	174
BLOOD SUGAR	0.03	0.16	0.11	0.10	0.05	0.09	-0.01	180	468	383	400	338	321	171
URIC ACID	0.18	0.16	0.21	0.19	0.21	0.06	0.10	181	471	385	403	338	322	174
WEIGHT	0.24	0.13	0.22	0.14	0.02	0.03	0.09	181	471	386	403	338	322	174
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	-0.07	0.10	0.04	0.04	0.01	0.05	-0.00	122	337	279	265	207	177	85
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.07	0.15	0.12	0.25	0.17	0.23	0.18	144	374	304	303	245	228	107
VITAL CAPACITY	-0.17	-0.17	-0.06	-0.12	-0.11	-0.02	-0.08	180	471	385	403	338	322	172
DEFINITE GCE BY X-RAY	0.13	-0.03	0.06	0.01	-0.12	-0.03	-0.06	181	471	386	403	338	323	174
DEFINITE LVH BY X-RAY	-0.02	0.02	-0.01	0.08	0.01	-0.04	-0.01	181	471	386	403	338	323	174
DEFINITE HEART ENLARGEMENT BY X-RAY	0.13	0.00	0.02	0.08	-0.01	-0.04	-0.00	181	471	386	403	338	323	174
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.15	-0.00	-0.02	0.16	0.07	0.00	0.12	181	471	386	403	338	323	174
DEFINITE OR DOUBTFUL LVH BY ECG	0.01	0.01	0.07	0.13	-0.03	-0.03	0.05	181	471	386	403	338	323	174
URINE SUGAR, DEFINITE OR TRACE	-0.03	0.16	0.00	0.01	0.11	0.03	-0.00	180	466	384	402	337	321	173
URINE ALBUMIN, DEFINITE OR TRACE	-0.03	0.06	0.07	0.03	0.13	-0.06	0.09	180	466	384	402	337	321	173
SMOKING NOW	0.06	0.05	0.03	0.13	0.05	0.05	-0.00	181	470	386	402	338	322	174
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.16	0.06	0.02	0.04	0.16	0.01	0.13	181	471	386	403	338	323	174

Table 5-14B

5 OCTOBER 1967

CHARACTERISTIC, PHOSPHOLIPID
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.04	0.08	0.12	0.08	0.02	0.02	0.06	204	540	535	440	437	391	199
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.10	0.07	0.07	0.04	0.06	-0.11	0.02	203	540	529	433	431	387	193
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.18	0.11	0.11	0.06	0.06	-0.07	-0.00	202	539	529	433	429	387	193
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.16	0.11	0.10	0.05	0.11	-0.08	-0.00	205	548	540	441	440	391	200
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.11	0.13	0.13	0.07	0.11	-0.08	0.01	205	548	540	441	440	391	200
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.14	0.14	0.13	0.08	0.12	-0.03	0.03	203	545	532	437	439	386	199
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.16	0.13	0.14	0.08	0.10	-0.06	0.02	203	545	532	437	439	386	199
SERUM CHOLESTEROL	0.60	0.60	0.56	0.57	0.59	0.60	0.50	205	547	540	441	440	391	200
HEMOGLOBIN	-0.06	0.12	0.01	0.06	0.07	0.05	0.06	203	542	524	431	431	382	198
PHOSPHOLIPID	1.00	1.00	1.00	1.00	1.00	1.00	1.00	205	548	540	441	440	391	200
BLOOD SUGAR	0.02	0.02	0.20	0.17	0.06	0.13	0.29	205	546	529	436	435	386	200
URIC ACID	0.10	0.09	0.11	0.14	0.16	0.10	0.07	205	548	539	441	438	391	200
WEIGHT	-0.01	0.05	0.09	0.06	-0.00	0.00	0.05	205	545	540	441	440	391	200
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.29	0.01	0.01	0.12	0.08	-0.03	0.01	116	307	275	169	138	100	31
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.10	0.06	0.12	0.16	0.21	0.13	0.02	123	373	325	246	218	174	84
VITAL CAPACITY	-0.11	-0.03	-0.13	-0.06	-0.06	0.02	0.03	204	547	540	441	439	391	199
DEFINITE GCE BY X-RAY	-0.02	0.01	0.07	-0.11	-0.10	-0.11	0.14	205	547	540	441	440	391	200
DEFINITE LVH BY X-RAY	0.02	-0.01	-0.07	-0.04	-0.05	-0.06	0.05	205	547	540	441	440	391	200
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.04	-0.00	-0.03	-0.10	-0.07	-0.10	0.09	205	547	540	441	440	391	200
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.00	0.01	0.02	-0.02	0.00	-0.06	0.12	205	548	540	441	440	391	200
DEFINITE OR DOUBTFUL LVH BY ECG	0.07	-0.07	-0.01	0.04	-0.05	-0.13	0.02	205	548	540	441	440	391	200
URINE SUGAR, DEFINITE OR TRACE	-0.03	-0.00	0.03	0.06	-0.03	0.12	0.19	204	547	538	440	439	389	198
URINE ALBUMIN, DEFINITE OR TRACE	-0.00	0.09	0.07	0.03	0.00	-0.03	0.19	204	547	538	440	439	389	198
SMOKING NOW	-0.06	0.02	0.09	0.07	0.01	0.03	0.02	205	548	539	441	440	390	200
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.01	0.05	0.01	-0.00	0.06	0.07	0.05	205	548	540	441	440	391	200

Table 5-15A

5 OCTOBER 1967

CHARACTERISTIC, URIC ACID
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.42	0.31	0.33	0.27	0.30	0.29	0.26	182	468	385	400	339	322	172
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.25	0.16	0.18	0.22	0.11	0.09	0.13	178	471	378	399	334	321	174
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.38	0.20	0.18	0.25	0.16	0.11	0.04	178	471	378	399	333	321	174
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.25	0.16	0.18	0.18	0.12	0.12	0.09	182	472	385	403	340	324	174
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.35	0.23	0.18	0.16	0.19	0.11	0.06	182	472	385	403	340	324	174
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.27	0.14	0.20	0.19	0.13	0.12	0.10	182	471	381	394	340	319	174
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.30	0.20	0.21	0.21	0.15	0.11	0.10	182	471	381	394	340	319	174
SERUM CHOLESTEROL	0.14	0.12	0.07	0.09	0.14	0.03	0.08	182	472	385	403	340	324	174
HEMOGLOBIN	0.07	0.07	0.12	0.02	0.06	-0.03	0.14	180	465	383	400	336	318	171
PHOSPHOLIPID	0.18	0.16	0.21	0.19	0.21	0.06	0.10	181	471	385	403	338	322	174
BLOOD SUGAR	0.01	-0.04	0.09	-0.01	-0.08	-0.09	-0.07	181	469	382	400	340	321	171
URIC ACID	1.00	1.00	1.00	1.00	1.00	1.00	1.00	182	472	385	403	340	324	174
WEIGHT	0.37	0.27	0.33	0.24	0.27	0.26	0.27	182	472	385	403	340	323	174
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.17	0.12	0.02	0.11	-0.00	-0.12	-0.08	123	337	278	265	207	176	85
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.31	0.22	0.18	0.16	0.19	0.07	-0.12	144	375	304	303	246	229	107
VITAL CAPACITY	-0.08	-0.04	0.02	0.01	-0.08	-0.12	-0.07	181	472	384	403	340	323	172
DEFINITE GCE BY X-RAY	0.06	-0.06	0.01	-0.03	0.11	0.18	0.15	182	472	385	403	340	324	174
DEFINITE LVH BY X-RAY	0.12	0.03	-0.02	0.17	0.10	0.10	-0.02	182	472	385	403	340	324	174
DEFINITE HEART ENLARGEMENT BY X-RAY	0.06	-0.00	-0.03	0.12	0.11	0.17	0.04	182	472	385	403	340	324	174
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.19	0.02	-0.05	0.06	0.07	0.07	0.15	182	472	385	403	340	324	174
DEFINITE OR DOUBTFUL LVH BY ECG	0.19	0.05	-0.03	0.10	-0.01	0.04	0.14	182	472	385	403	340	324	174
URINE SUGAR, DEFINITE OR TRACE	0.03	-0.08	-0.03	-0.13	-0.06	-0.07	0.00	181	467	383	402	339	322	173
URINE ALBUMIN, DEFINITE OR TRACE	0.11	-0.08	0.06	0.01	0.18	0.07	0.03	181	467	383	402	339	322	173
SMOKING NOW	-0.00	-0.12	-0.08	0.00	-0.08	-0.11	-0.04	182	471	385	402	340	323	174
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.23	0.04	-0.00	-0.08	0.10	-0.04	0.05	182	472	385	403	340	324	174

Table 5-15B

5 OCTOBER 1967

CHARACTERISTIC, URIC ACID
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.25	0.33	0.24	0.22	0.28	0.21	0.21	205	542	534	441	436	393	200
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.14	0.14	0.16	0.10	0.13	0.12	-0.11	204	542	528	434	430	388	194
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.14	0.17	0.15	0.11	0.12	0.12	0.04	203	541	528	434	428	388	194
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.10	0.15	0.17	0.07	0.19	0.16	-0.08	206	550	539	442	439	393	201
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.05	0.20	0.17	0.11	0.19	0.13	-0.03	206	550	539	442	439	393	201
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.15	0.14	0.16	0.08	0.16	0.15	-0.05	204	546	531	438	438	388	200
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.12	0.18	0.16	0.09	0.11	0.13	-0.03	204	546	531	438	438	388	200
SERUM CHOLESTEROL	0.08	0.08	0.05	0.12	0.12	0.06	0.06	206	549	539	442	438	393	201
HEMOGLOBIN	0.06	0.05	0.11	0.04	0.01	0.13	0.14	204	544	523	432	431	384	199
PHOSPHOLIPID	0.10	0.09	0.11	0.14	0.16	0.10	0.07	205	548	539	441	438	391	200
BLOOD SUGAR	-0.14	0.06	0.03	0.01	0.03	-0.07	-0.01	206	548	528	437	434	388	201
URIC ACID	1.00	1.00	1.00	1.00	1.00	1.00	1.00	206	550	539	442	439	393	201
WEIGHT	0.21	0.32	0.23	0.20	0.26	0.21	0.22	206	547	539	442	439	393	201
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.10	-0.05	-0.05	0.00	-0.05	0.12	0.11	116	308	274	169	138	101	31
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.16	0.10	0.18	-0.00	0.15	0.13	-0.01	124	373	324	247	218	174	84
VITAL CAPACITY	0.06	-0.01	0.02	-0.14	-0.05	-0.11	-0.03	205	549	539	442	438	393	200
DEFINITE GCE BY X-RAY	-0.03	0.05	-0.04	0.03	0.07	0.04	0.13	206	549	539	442	439	393	201
DEFINITE LVH BY X-RAY	0.01	0.06	-0.01	0.06	0.10	0.03	0.01	206	549	539	442	439	393	201
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.03	0.07	-0.03	0.06	0.13	0.05	0.07	206	549	539	442	439	393	201
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.02	0.01	0.03	0.12	0.15	0.14	0.17	206	550	539	442	439	393	201
DEFINITE OR DOUBTFUL LVH BY ECG	0.04	-0.05	0.06	0.02	0.11	0.07	0.02	206	550	539	442	439	393	201
URINE SUGAR, DEFINITE OR TRACE	-0.15	-0.09	-0.09	0.03	-0.09	-0.08	-0.06	205	549	537	441	438	391	199
URINE ALBUMIN, DEFINITE OR TRACE	-0.06	-0.00	0.02	0.07	0.05	0.14	-0.05	205	549	537	441	438	391	199
SMOKING NOW	-0.08	-0.13	-0.03	0.11	0.02	0.02	-0.04	206	550	538	442	439	392	201
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.01	0.02	0.00	0.11	0.11	0.09	0.13	206	550	539	442	439	393	201

Table 5-16A

5 OCTOBER 1967

CHARACTERISTIC, VITAL CAPACITY
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.06	-0.00	-0.06	-0.00	-0.17	-0.02	-0.03	183	479	399	404	348	328	175
BLOOD PRESSURE, ADMISSION, SYSTOLIC	-0.11	0.01	0.02	-0.04	-0.14	-0.05	-0.06	177	473	382	399	335	323	175
BLOOD PRESSURE, ADMISSION, DIASTOLIC	-0.10	-0.05	0.02	-0.06	-0.08	0.01	0.02	177	473	382	399	334	323	175
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	-0.11	-0.02	0.01	-0.10	-0.25	-0.05	-0.05	183	483	400	407	349	330	177
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	-0.06	-0.05	-0.03	-0.06	-0.17	-0.02	0.02	183	483	400	407	349	330	177
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	-0.10	-0.02	-0.10	-0.17	-0.24	-0.06	-0.08	183	480	395	397	349	324	177
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	-0.11	-0.03	-0.11	-0.09	-0.18	-0.01	-0.03	183	480	395	397	349	324	177
SERUM CHOLESTEROL	-0.10	-0.07	-0.02	-0.02	-0.02	0.03	-0.13	181	472	385	403	340	324	172
HEMOGLOBIN	-0.15	0.05	0.02	0.02	-0.01	-0.02	-0.03	179	465	385	400	336	318	169
PHOSPHOLIPID	-0.17	-0.17	-0.06	-0.12	-0.11	-0.02	-0.08	180	471	385	403	338	322	172
BLOOD SUGAR	-0.12	-0.01	0.01	0.00	-0.06	-0.08	-0.08	182	473	391	403	342	324	169
URIC ACID	-0.08	-0.04	0.02	0.01	-0.08	-0.12	-0.07	181	472	384	403	340	323	172
WEIGHT	0.20	0.21	0.18	0.25	0.04	0.18	0.12	183	483	400	407	349	329	177
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	-0.08	-0.04	-0.02	-0.02	-0.08	-0.20	-0.01	122	343	287	266	209	180	87
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.03	-0.06	-0.07	-0.09	-0.08	0.01	0.01	144	375	307	303	248	230	109
VITAL CAPACITY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	183	483	400	407	349	330	177
DEFINITE GCE BY X-RAY	-0.17	-0.05	-0.09	-0.04	-0.04	-0.03	-0.07	183	481	400	407	349	330	177
DEFINITE LVH BY X-RAY	-0.13	-0.03	-0.03	-0.15	-0.09	-0.01	-0.08	183	481	400	407	349	330	177
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.17	-0.06	-0.07	-0.14	-0.10	-0.05	-0.09	183	481	400	407	349	330	177
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.20	-0.00	-0.08	-0.03	-0.10	-0.10	-0.13	183	483	400	407	349	330	177
DEFINITE OR DOUBTFUL LVH BY ECG	-0.17	-0.07	-0.07	0.00	-0.16	-0.04	-0.05	183	483	400	407	349	330	177
URINE SUGAR, DEFINITE OR TRACE	-0.11	-0.02	-0.03	-0.07	-0.07	-0.04	-0.13	182	478	398	406	348	328	176
URINE ALBUMIN, DEFINITE OR TRACE	-0.16	0.06	-0.01	-0.11	-0.13	-0.03	-0.07	182	478	398	406	348	328	176
SMOKING NOW	-0.13	-0.04	0.02	-0.16	-0.12	-0.16	-0.04	182	480	397	405	343	328	176
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.07	0.01	-0.10	-0.01	0.01	0.02	-0.00	183	483	400	407	349	330	177

Table 5-16B

5 OCTOBER 1967

CHARACTERISTIC, VITAL CAPACITY
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.15	-0.02	0.03	-0.10	-0.00	-0.15	0.01	211	564	551	459	452	405	208
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.01	-0.04	-0.06	-0.11	-0.05	-0.21	-0.07	207	550	538	446	437	394	202
BLOOD PRESSURE, ADMISSION, DIASTOLIC	-0.03	-0.04	-0.09	-0.14	-0.06	-0.19	-0.02	205	549	538	446	435	394	202
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	-0.02	-0.03	-0.09	-0.10	-0.10	-0.26	-0.01	212	571	556	460	455	405	209
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	-0.08	-0.02	-0.07	-0.10	-0.13	-0.21	-0.04	212	571	556	460	455	405	209
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.02	-0.09	-0.09	-0.12	-0.12	-0.26	-0.07	209	567	548	454	453	400	208
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	-0.02	-0.05	-0.08	-0.13	-0.12	-0.19	0.00	209	567	548	454	453	400	208
SERUM CHOLESTEROL	-0.05	-0.06	-0.10	-0.00	-0.01	-0.03	0.12	205	549	540	443	440	393	200
HEMOGLOBIN	-0.05	0.01	0.01	0.03	-0.10	0.00	-0.04	207	547	526	436	434	385	200
PHOSPHOLIPID	-0.11	-0.03	-0.13	-0.06	-0.06	0.02	0.03	204	547	540	441	439	391	199
BLOOD SUGAR	-0.05	-0.00	-0.05	0.04	-0.02	-0.02	-0.04	209	557	540	447	441	391	205
URIC ACID	0.06	-0.01	0.02	-0.14	-0.05	-0.11	-0.03	205	549	539	442	438	393	200
WEIGHT	0.26	0.11	0.15	0.01	0.11	-0.06	0.11	212	569	556	460	455	405	209
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	-0.09	-0.06	-0.06	-0.12	-0.04	-0.12	-0.22	119	320	279	175	143	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.02	0.08	-0.01	0.05	0.00	0.03	-0.15	127	376	330	254	219	176	87
VITAL CAPACITY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	212	571	556	460	455	405	209
DEFINITE GCE BY X-RAY	-0.02	-0.15	-0.14	-0.08	-0.26	-0.23	-0.12	212	571	556	460	455	405	209
DEFINITE LVH BY X-RAY	-0.02	-0.06	-0.07	-0.17	-0.15	-0.22	-0.05	212	571	556	460	455	405	209
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.03	-0.15	-0.14	-0.17	-0.25	-0.29	-0.11	212	571	556	460	455	405	209
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.09	0.06	-0.07	-0.01	-0.17	-0.20	-0.03	212	571	556	460	455	405	209
DEFINITE OR DOUBTFUL LVH BY ECG	-0.02	-0.06	-0.08	0.00	-0.10	-0.15	-0.05	212	571	556	460	455	405	209
URINE SUGAR, DEFINITE OR TRACE	-0.03	0.08	-0.01	-0.01	-0.02	-0.05	-0.05	211	570	554	459	454	403	207
URINE ALBUMIN, DEFINITE OR TRACE	-0.10	-0.00	-0.06	0.03	-0.02	-0.13	-0.09	211	570	554	459	454	403	207
SMOKING NOW	-0.06	0.06	0.10	0.04	0.03	0.05	0.02	211	569	553	458	452	401	209
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.17	0.07	-0.04	-0.02	-0.07	-0.09	-0.02	212	571	556	460	455	405	209

Table 5-17A

5 OCTOBER 1967

CHARACTERISTIC, WEIGHT
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.90	0.91	0.87	0.89	0.89	0.90	0.91	184	480	400	404	348	329	177
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.15	0.29	0.27	0.16	0.30	0.24	0.11	178	473	383	399	335	323	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.34	0.36	0.37	0.24	0.36	0.28	0.16	178	473	383	399	334	323	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.20	0.31	0.25	0.12	0.24	0.19	0.06	184	484	401	407	349	330	179
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.33	0.40	0.33	0.19	0.27	0.23	0.18	184	484	401	407	349	330	179
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.19	0.33	0.27	0.14	0.25	0.19	0.03	184	481	396	397	349	324	179
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.27	0.42	0.29	0.27	0.31	0.21	0.12	184	481	396	397	349	324	179
SERUM CHOLESTEROL	0.22	0.19	0.14	0.12	0.02	0.03	0.04	182	472	386	403	340	324	174
HEMOGLOBIN	0.25	0.17	0.17	0.15	0.13	0.10	0.22	180	465	386	400	336	318	171
PHOSPHOLIPID	0.24	0.13	0.22	0.14	0.02	0.03	0.09	181	471	386	403	338	322	174
BLOOD SUGAR	-0.13	0.05	0.04	0.06	0.11	-0.04	0.12	183	473	392	403	342	324	171
URIC ACID	0.37	0.27	0.33	0.24	0.27	0.26	0.27	182	472	385	403	340	323	174
WEIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00	184	484	401	407	349	330	179
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.06	0.17	-0.00	0.13	0.02	0.04	0.12	123	343	288	266	209	180	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.07	-0.01	0.13	0.01	0.09	0.12	-0.13	144	376	307	303	248	229	109
VITAL CAPACITY	0.20	0.21	0.18	0.25	0.04	0.18	0.12	183	483	400	407	349	329	177
DEFINITE GCE BY X-RAY	-0.03	-0.05	0.09	0.06	0.04	0.07	0.00	184	482	401	407	349	330	179
DEFINITE LVH BY X-RAY	-0.05	0.03	0.11	0.03	0.02	0.16	0.08	184	482	401	407	349	330	179
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.03	-0.00	0.14	0.07	0.03	0.18	0.07	184	482	401	407	349	330	179
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.04	0.06	-0.00	0.07	0.09	0.11	0.18	184	484	401	407	349	330	179
DEFINITE OR DOUBTFUL LVH BY ECG	0.02	0.00	0.00	0.05	-0.02	0.03	-0.01	184	484	401	407	349	330	179
URINE SUGAR, DEFINITE OR TRACE	-0.18	-0.02	-0.05	-0.01	0.09	-0.05	0.17	183	479	399	406	348	328	178
URINE ALBUMIN, DEFINITE OR TRACE	-0.13	0.15	-0.04	-0.06	0.17	-0.01	-0.10	183	479	399	406	348	328	178
SMOKING NOW	0.00	-0.13	-0.05	-0.16	-0.16	-0.18	-0.16	183	481	398	405	343	328	178
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.12	0.12	-0.02	-0.01	0.13	0.14	0.08	184	484	401	407	349	330	179

Table 5-17B

5 OCTOBER 1967

CHARACTERISTIC, WEIGHT
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.97	0.97	0.98	0.98	0.96	0.97	0.98	212	565	551	459	453	405	209
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.20	0.27	0.29	0.39	0.27	0.28	0.21	208	549	538	446	438	394	203
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.26	0.34	0.36	0.40	0.36	0.29	0.25	206	548	538	446	436	394	203
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.12	0.30	0.30	0.37	0.24	0.26	0.23	213	570	556	460	456	405	210
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.17	0.34	0.35	0.36	0.29	0.28	0.16	213	570	556	460	456	405	210
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.20	0.37	0.32	0.37	0.25	0.30	0.26	210	565	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.23	0.33	0.36	0.40	0.28	0.30	0.21	210	565	548	454	454	400	209
SERUM CHOLESTEROL	0.02	0.05	0.01	0.07	-0.01	-0.07	-0.13	206	547	540	443	441	393	201
HEMOGLOBIN	-0.02	0.07	0.08	0.08	0.00	0.23	0.16	208	545	526	436	435	385	201
PHOSPHOLIPID	-0.01	0.05	0.09	0.06	-0.00	0.00	0.05	205	545	540	441	440	391	200
BLOOD SUGAR	0.01	0.13	-0.01	0.01	0.10	0.12	0.01	210	555	540	447	442	391	206
URIC ACID	0.21	0.32	0.23	0.20	0.26	0.21	0.22	206	547	539	442	439	393	201
WEIGHT	1.00	1.00	1.00	1.00	1.00	1.00	1.00	213	570	556	460	456	405	210
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.02	-0.02	-0.12	-0.00	-0.08	-0.08	-0.05	119	318	279	175	143	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.05	-0.03	0.05	-0.10	-0.06	-0.02	0.09	127	376	330	254	220	176	87
VITAL CAPACITY	0.26	0.11	0.15	0.01	0.11	-0.06	0.11	212	569	556	460	455	405	209
DEFINITE GCE BY X-RAY	0.18	0.08	0.04	0.13	0.12	0.09	0.22	213	570	556	460	456	405	210
DEFINITE LVH BY X-RAY	0.07	0.10	0.11	0.16	0.15	0.17	0.13	213	570	556	460	456	405	210
DEFINITE HEART ENLARGEMENT BY X-RAY	0.19	0.13	0.10	0.18	0.16	0.22	0.22	213	570	556	460	456	405	210
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.15	0.02	0.06	0.02	0.06	0.03	-0.02	213	570	556	460	456	405	210
DEFINITE OR DOUBTFUL LVH BY ECG	-0.06	-0.05	-0.02	0.02	0.05	0.10	-0.08	213	570	556	460	456	405	210
URINE SUGAR, DEFINITE OR TRACE	-0.02	-0.03	0.01	0.03	0.02	0.08	-0.02	212	568	554	459	455	403	208
URINE ALBUMIN, DEFINITE OR TRACE	-0.02	0.01	0.01	0.05	0.11	0.10	0.09	212	568	554	459	455	403	208
SMOKING NOW	-0.13	-0.10	-0.13	-0.12	-0.08	-0.06	-0.14	212	568	553	458	453	401	210
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.14	0.01	0.05	0.02	0.02	-0.03	-0.01	213	570	556	460	456	405	210

Table 5-18A

5 OCTOBER 1967

CHARACTERISTIC, ELECTROCARDIOGRAM DEFINITELY ABNORMAL
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.16	0.08	-0.01	0.08	0.13	0.12	0.16	184	480	400	404	348	329	177
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.29	0.19	0.14	0.38	0.28	0.23	0.08	178	473	383	399	335	324	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.21	0.01	0.05	0.21	0.26	0.18	0.03	178	473	383	399	334	324	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.28	0.15	0.13	0.30	0.28	0.15	0.11	184	484	401	407	349	331	179
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.24	0.04	-0.03	0.14	0.16	0.14	0.01	184	484	401	407	349	331	179
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.26	0.13	0.19	0.34	0.29	0.19	0.06	184	481	396	397	349	325	179
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.28	0.03	0.02	0.15	0.20	0.16	0.01	184	481	396	397	349	325	179
SERUM CHOLESTEROL	0.08	0.10	-0.02	0.09	0.04	0.08	0.11	182	472	386	403	340	325	174
HEMOGLOBIN	0.09	-0.04	-0.03	-0.01	0.02	0.12	0.06	180	465	386	400	336	319	171
PHOSPHOLIPID	0.15	-0.00	-0.02	0.16	0.07	0.00	0.12	181	471	386	403	338	323	174
BLOOD SUGAR	0.02	0.03	0.22	0.21	0.19	0.07	0.08	183	473	392	403	342	325	171
URIC ACID	0.19	0.02	-0.05	0.06	0.07	0.07	0.15	182	472	385	403	340	324	174
WEIGHT	0.04	0.06	-0.00	0.07	0.09	0.11	0.18	184	484	401	407	349	330	179
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.09	-0.08	0.01	-0.05	0.06	0.05	0.01	123	343	288	266	209	181	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.01	-0.05	-0.07	0.07	0.01	0.09	0.04	144	376	307	303	248	230	109
VITAL CAPACITY	-0.20	-0.00	-0.08	-0.03	-0.10	-0.10	-0.13	183	483	400	407	349	330	177
DEFINITE GCE BY X-RAY	0.42	0.03	0.05	0.16	0.28	0.10	-0.08	184	482	401	407	349	331	179
DEFINITE LVH BY X-RAY	0.37	0.11	0.07	0.20	0.14	0.07	0.17	184	482	401	407	349	331	179
DEFINITE HEART ENLARGEMENT BY X-RAY	0.42	0.07	0.06	0.21	0.22	0.13	0.15	184	482	401	407	349	331	179
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	1.00	1.00	1.00	1.00	1.00	1.00	1.00	184	484	401	407	349	331	179
DEFINITE OR DOUBTFUL LVH BY ECG	0.42	0.51	0.37	0.70	0.55	0.50	0.47	184	484	401	407	349	331	179
URINE SUGAR, DEFINITE OR TRACE	-0.02	-0.01	0.16	0.02	0.02	0.11	0.10	183	479	399	406	348	329	178
URINE ALBUMIN, DEFINITE OR TRACE	0.25	0.12	-0.02	-0.02	0.14	0.01	0.17	183	479	399	406	348	329	178
SMOKING NOW	0.11	-0.02	-0.05	0.03	-0.03	0.02	0.03	183	481	398	405	343	329	178
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.75	0.78	0.64	0.52	0.59	0.54	0.52	184	484	401	407	349	331	179

Table 5-18B

5 OCTOBER 1967

CHARACTERISTIC, ELECTROCARDIOGRAM DEFINITELY ABNORMAL
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.12	0.03	0.07	0.01	0.10	0.03	-0.01	212	565	551	459	453	405	209
BLOOD PRESSURE, ADMISSION, SYSTOLIC	-0.01	-0.02	0.14	-0.01	0.24	0.26	0.15	208	552	538	446	438	394	203
BLOOD PRESSURE, ADMISSION, DIASTOLIC	-0.02	0.01	0.18	0.03	0.15	0.24	0.12	206	551	538	446	436	394	203
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.05	0.01	0.19	0.01	0.21	0.21	0.07	213	573	556	460	456	405	210
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.02	0.05	0.19	0.02	0.18	0.23	0.10	213	573	556	460	456	405	210
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	-0.04	0.05	0.20	0.02	0.22	0.21	0.15	210	568	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.06	0.06	0.21	0.03	0.15	0.23	0.15	210	568	548	454	454	400	209
SERUM CHOLESTEROL	0.09	0.05	-0.00	0.01	0.06	0.04	0.10	206	550	540	443	441	393	201
HEMOGLOBIN	0.10	0.03	0.03	0.04	0.11	0.15	0.04	208	548	526	436	435	385	201
PHOSPHOLIPID	-0.00	0.01	0.02	-0.02	0.00	-0.06	0.12	205	548	540	441	440	391	200
BLOOD SUGAR	-0.09	0.04	0.03	0.09	0.08	0.02	0.22	210	558	540	447	442	391	206
URIC ACID	0.02	0.01	0.03	0.12	0.15	0.14	0.17	206	550	539	442	439	393	201
WEIGHT	-0.15	0.02	0.06	0.02	0.06	0.03	-0.02	213	570	556	460	456	405	210
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	-0.07	-0.02	-0.04	0.02	-0.02	0.18	0.12	119	320	279	175	143	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.05	-0.06	0.13	0.03	0.09	-0.01	-0.09	127	378	330	254	220	176	87
VITAL CAPACITY	-0.09	0.06	-0.07	-0.01	-0.17	-0.20	-0.03	212	571	556	460	455	405	209
DEFINITE GCE BY X-RAY	-0.03	-0.01	0.15	0.04	0.27	0.08	0.32	213	572	556	460	456	405	210
DEFINITE LVH BY X-RAY	-0.02	-0.02	0.26	0.09	0.09	0.15	0.13	213	572	556	460	456	405	210
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.03	-0.02	0.31	0.09	0.17	0.19	0.20	213	572	556	460	456	405	210
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	1.00	1.00	1.00	1.00	1.00	1.00	1.00	213	573	556	460	456	405	210
DEFINITE OR DOUBTFUL LVH BY ECG	0.66	0.13	0.51	0.16	0.47	0.52	0.42	213	573	556	460	456	405	210
URINE SUGAR, DEFINITE OR TRACE	-0.01	-0.01	-0.01	0.07	0.04	-0.00	0.23	212	571	554	459	455	403	208
URINE ALBUMIN, DEFINITE OR TRACE	-0.04	-0.02	0.01	-0.04	0.11	0.07	0.15	212	571	554	459	455	403	208
SMOKING NOW	0.04	0.00	-0.07	-0.05	-0.05	-0.08	-0.05	212	571	553	458	453	401	210
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.66	0.84	0.76	0.87	0.67	0.63	0.76	213	573	556	460	456	405	210

Table 5-19A

5 OCTOBER 1967

CHARACTERISTIC, DEFINITE OR DOUBTFUL LVH BY ECG
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.10	0.02	0.01	0.08	0.02	0.03	0.02	184	480	400	404	348	329	177
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.38	0.23	0.18	0.37	0.29	0.29	0.40	178	473	383	399	335	324	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.25	-0.01	0.10	0.22	0.27	0.25	0.29	178	473	383	399	334	324	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.40	0.17	0.24	0.31	0.30	0.24	0.34	184	484	401	407	349	331	179
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.35	0.06	0.08	0.14	0.20	0.22	0.22	184	484	401	407	349	331	179
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.34	0.21	0.25	0.39	0.29	0.25	0.32	184	481	396	397	349	325	179
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.39	0.08	0.08	0.21	0.22	0.23	0.23	184	481	396	397	349	325	179
SERUM CHOLESTEROL	0.03	0.09	0.11	0.06	-0.05	0.05	0.07	182	472	386	403	340	325	174
HEMOGLOBIN	0.10	-0.09	0.00	-0.04	0.06	0.08	0.13	180	465	386	400	336	319	171
PHOSPHOLIPID	0.01	0.01	0.07	0.13	-0.03	-0.03	0.05	181	471	386	403	338	323	174
BLOOD SUGAR	0.09	0.00	0.21	0.01	0.19	0.09	0.06	183	473	392	403	342	325	171
URIC ACID	0.19	0.05	-0.03	0.10	-0.01	0.04	0.14	182	472	385	403	340	324	174
WEIGHT	0.02	0.00	0.00	0.05	-0.02	0.03	-0.01	184	484	401	407	349	330	179
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.00	-0.02	0.03	-0.03	0.16	0.02	-0.10	123	343	288	266	209	181	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.04	-0.06	-0.05	0.07	0.01	0.04	0.08	144	376	307	303	248	230	109
VITAL CAPACITY	-0.17	-0.07	-0.07	0.00	-0.16	-0.04	-0.05	183	483	400	407	349	330	177
DEFINITE GCE BY X-RAY	0.32	0.06	0.14	0.19	0.30	0.15	0.03	184	482	401	407	349	331	179
DEFINITE LVH BY X-RAY	0.57	0.11	0.04	0.19	0.22	0.17	0.27	184	482	401	407	349	331	179
DEFINITE HEART ENLARGEMENT BY X-RAY	0.32	0.07	0.08	0.20	0.27	0.17	0.25	184	482	401	407	349	331	179
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.42	0.51	0.37	0.70	0.55	0.50	0.47	184	484	401	407	349	331	179
DEFINITE OR DOUBTFUL LVH BY ECG	1.00	1.00	1.00	1.00	1.00	1.00	1.00	184	484	401	407	349	331	179
URINE SUGAR, DEFINITE OR TRACE	-0.01	-0.01	0.17	-0.04	0.06	0.14	0.07	183	479	399	406	348	329	178
URINE ALBUMIN, DEFINITE OR TRACE	0.40	-0.01	-0.02	-0.02	0.11	0.03	0.17	183	479	399	406	348	329	178
SMOKING NOW	0.07	-0.06	0.02	0.04	-0.10	0.01	0.03	183	481	398	405	343	329	178
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.28	0.32	0.15	0.08	0.10	0.16	0.17	184	484	401	407	349	331	179

Table 5-19B

5 OCTOBER 1967

CHARACTERISTIC, DEFINITE OR DOUBTFUL LVH BY ECG
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.03	-0.04	-0.01	0.03	0.09	0.09	-0.10	212	565	551	459	453	405	209
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.03	-0.01	0.23	0.15	0.31	0.35	0.28	208	552	538	446	438	394	203
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.05	0.02	0.24	0.12	0.22	0.38	0.21	206	551	538	446	436	394	203
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.05	-0.02	0.26	0.17	0.33	0.34	0.18	213	573	556	460	456	405	210
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.06	-0.00	0.25	0.14	0.22	0.36	0.21	213	573	556	460	456	405	210
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	-0.03	0.01	0.24	0.16	0.30	0.37	0.18	210	568	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.05	0.04	0.25	0.09	0.19	0.37	0.17	210	568	548	454	454	400	209
SERUM CHOLESTEROL	0.11	-0.01	0.00	0.09	-0.00	-0.02	0.04	206	550	540	443	441	393	201
HEMOGLOBIN	0.14	0.03	0.05	0.11	-0.01	0.10	0.17	208	548	526	436	435	385	201
PHOSPHOLIPID	0.07	-0.07	-0.01	0.04	-0.05	-0.13	0.02	205	548	540	441	440	391	200
BLOOD SUGAR	-0.09	-0.01	-0.08	0.04	0.14	0.04	0.11	210	558	540	447	442	391	206
URIC ACID	0.04	-0.05	0.06	0.02	0.11	0.07	0.02	206	550	539	442	439	393	201
WEIGHT	-0.06	-0.05	-0.02	0.02	0.05	0.10	-0.08	213	570	556	460	456	405	210
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	-0.01	0.03	-0.03	0.05	-0.04	0.18	-0.11	119	320	279	175	143	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.03	-0.02	0.03	0.11	0.02	0.03	-0.04	127	378	330	254	220	176	87
VITAL CAPACITY	-0.02	-0.06	-0.08	0.00	-0.10	-0.15	-0.05	212	571	556	460	455	405	209
DEFINITE GCE BY X-RAY	-0.02	-0.01	0.08	0.03	0.28	0.17	0.32	213	572	556	460	456	405	210
DEFINITE LVH BY X-RAY	-0.01	-0.02	0.25	0.01	0.17	0.19	0.07	213	572	556	460	456	405	210
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.02	-0.02	0.26	-0.01	0.23	0.22	0.14	213	572	556	460	456	405	210
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.66	0.13	0.51	0.16	0.47	0.52	0.42	213	573	556	460	456	405	210
DEFINITE OR DOUBTFUL LVH BY ECG	1.00	1.00	1.00	1.00	1.00	1.00	1.00	213	573	556	460	456	405	210
URINE SUGAR, DEFINITE OR TRACE	-0.01	-0.01	-0.01	0.11	0.06	0.06	0.12	212	571	554	459	455	403	208
URINE ALBUMIN, DEFINITE OR TRACE	-0.02	-0.02	0.06	-0.03	0.07	0.08	0.21	212	571	554	459	455	403	208
SMOKING NOW	-0.02	0.03	-0.05	0.10	-0.10	-0.07	0.10	212	571	553	458	453	401	210
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.24	0.16	0.22	0.11	0.20	0.12	0.18	213	573	556	460	456	405	210

Table 5-20A

5 OCTOBER 1967

CHARACTERISTIC, DEFINITE NONSPECIFIC ABNORMALITY BY ECG
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.21	0.14	0.00	0.00	0.15	0.16	0.14	184	480	400	404	348	329	177
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.11	0.11	0.07	0.14	0.15	0.09	-0.03	178	473	383	399	335	324	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.18	0.04	0.06	0.09	0.08	0.04	-0.02	178	473	383	399	334	324	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.10	0.10	0.05	0.09	0.15	0.05	-0.02	184	484	401	407	349	331	179
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.20	0.07	0.02	0.07	0.10	0.02	-0.00	184	484	401	407	349	331	179
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.12	0.06	0.08	0.10	0.17	0.04	-0.01	184	481	396	397	349	325	179
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.19	0.05	0.08	0.03	0.11	0.02	-0.00	184	481	396	397	349	325	179
SERUM CHOLESTEROL	0.11	0.09	0.03	0.04	0.08	0.06	0.07	182	472	386	403	340	325	174
HEMOGLOBIN	0.08	-0.04	0.01	0.03	-0.01	-0.04	-0.00	180	465	386	400	336	319	171
PHOSPHOLIPID	0.16	0.06	0.02	0.04	0.16	0.01	0.13	181	471	386	403	338	323	174
BLOOD SUGAR	-0.01	0.05	0.09	0.32	0.15	-0.01	0.14	183	473	392	403	342	325	171
URIC ACID	0.23	0.04	-0.00	-0.08	0.10	-0.04	0.05	182	472	385	403	340	324	174
WEIGHT	0.12	0.12	-0.02	-0.01	0.13	0.14	0.08	184	484	401	407	349	330	179
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.09	-0.05	-0.09	-0.04	-0.03	-0.03	0.03	123	343	288	266	209	181	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.04	-0.03	-0.03	-0.01	-0.06	-0.01	-0.05	144	376	307	303	248	230	109
VITAL CAPACITY	-0.07	0.01	-0.10	-0.01	0.01	0.02	-0.00	183	483	400	407	349	330	177
DEFINITE GCE BY X-RAY	0.28	-0.03	-0.02	-0.02	0.05	-0.05	-0.04	184	482	401	407	349	331	179
DEFINITE LVH BY X-RAY	-0.01	0.03	0.03	-0.03	-0.07	0.13	-0.04	184	482	401	407	349	331	179
DEFINITE HEART ENLARGEMENT BY X-RAY	0.28	0.01	0.02	-0.03	-0.02	0.09	-0.04	184	482	401	407	349	331	179
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.75	0.78	0.64	0.52	0.59	0.54	0.52	184	484	401	407	349	331	179
DEFINITE OR DOUBTFUL LVH BY ECG	0.28	0.32	0.15	0.08	0.10	0.16	0.17	184	484	401	407	349	331	179
URINE UGAR, DEFINITE OR TRACE	-0.02	-0.01	0.24	0.10	0.03	-0.03	0.06	183	479	399	406	348	329	178
URINE ALBUMIN, DEFINITE OR TRACE	-0.02	0.15	-0.02	-0.01	0.07	-0.03	-0.07	183	479	399	406	348	329	178
SMOKING NOW	0.08	0.02	-0.08	0.06	-0.02	0.03	0.06	183	481	398	405	343	329	178
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	1.00	1.00	1.00	1.00	1.00	1.00	1.00	184	484	401	407	349	331	179

Table 5-20B

5 OCTOBER 1967

CHARACTERISTIC, DEFINITE NONSPECIFIC ABNORMALITY BY ECG
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.11	0.02	0.06	0.01	0.05	-0.03	-0.01	212	565	551	459	453	405	209
BLOOD PRESSURE, ADMISSION, SYSTOLIC	-0.00	-0.01	0.05	-0.03	0.08	-0.01	-0.03	208	552	538	446	438	394	203
BLOOD PRESSURE, ADMISSION, DIASTOLIC	-0.02	0.02	0.07	0.04	0.04	0.01	0.00	206	551	538	446	436	394	203
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.02	0.02	0.09	-0.01	0.02	-0.02	-0.05	213	573	556	460	456	405	210
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	-0.11	0.04	0.07	0.04	0.04	0.01	-0.00	213	573	556	460	456	405	210
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	-0.03	0.06	0.11	0.02	0.05	-0.04	-0.01	210	568	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	-0.02	0.05	0.11	0.04	0.02	0.00	0.06	210	568	548	454	454	400	209
SERUM CHOLESTEROL	0.00	0.05	0.01	0.04	0.10	0.08	0.11	206	550	540	443	441	393	201
HEMOGLOBIN	0.01	0.04	0.01	0.02	0.07	0.08	-0.10	208	548	526	436	435	385	201
PHOSPHOLIPID	-0.01	0.05	0.01	-0.00	0.06	0.07	0.05	205	548	540	441	440	391	200
BLOOD SUGAR	0.00	0.03	0.04	-0.01	-0.01	0.07	0.04	210	558	540	447	442	391	206
URIC ACID	-0.01	0.02	0.00	0.11	0.11	0.09	0.13	206	550	539	442	439	393	201
WEIGHT	-0.14	0.01	0.05	0.02	0.02	-0.03	-0.01	213	570	556	460	456	405	210
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	-0.09	0.03	-0.07	0.01	-0.07	0.14	-0.01	119	320	279	175	143	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.07	-0.06	0.07	0.02	0.12	0.03	-0.04	127	378	330	254	220	176	87
VITAL CAPACITY	-0.17	0.07	-0.04	-0.02	-0.07	-0.09	-0.02	212	571	556	460	455	405	209
DEFINITE GCE BY X-RAY	-0.02	-0.01	0.13	-0.04	0.09	-0.00	0.03	213	572	556	460	456	405	210
DEFINITE LVH BY X-RAY	-0.01	-0.02	0.08	0.03	0.08	0.09	-0.01	213	572	556	460	456	405	210
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.02	-0.02	0.15	0.01	0.07	0.10	-0.01	213	572	556	460	456	405	210
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.66	0.84	0.76	0.87	0.67	0.63	0.76	213	573	556	460	456	405	210
DEFINITE OR DOUBTFUL LVH BY ECG	0.24	0.16	0.22	0.11	0.20	0.12	0.18	213	573	556	460	456	405	210
URINE SUGAR, DEFINITE OR TRACE	-0.01	-0.01	-0.01	-0.02	-0.02	0.05	0.04	212	571	554	459	455	403	208
URINE ALBUMIN, DEFINITE OR TRACE	-0.02	-0.02	-0.03	-0.04	0.00	-0.04	0.04	212	571	554	459	455	403	208
SMOKING NOW	0.05	-0.03	-0.01	-0.06	-0.05	-0.05	-0.08	212	571	553	458	453	401	210
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	1.00	1.00	1.00	1.00	1.00	1.00	1.00	213	573	556	460	456	405	210

Table 5-21A

5 OCTOBER 1967

CHARACTERISTIC, SMOKING NOW
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.01	-0.11	-0.07	-0.12	-0.13	-0.16	-0.16	183	477	398	402	342	327	176
BLOOD PRESSURE, ADMISSION, SYSTOLIC	-0.02	-0.00	-0.07	0.01	-0.03	-0.07	-0.02	178	472	383	398	335	323	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	-0.11	-0.08	-0.14	-0.04	-0.08	-0.08	-0.02	178	472	383	398	334	323	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	-0.14	-0.04	-0.06	0.02	-0.05	-0.06	-0.01	183	481	398	405	343	329	178
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	-0.10	-0.07	-0.11	-0.04	-0.10	-0.10	-0.06	183	481	398	405	343	329	178
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	-0.09	-0.06	-0.05	0.06	-0.05	-0.05	0.05	183	479	393	395	343	323	178
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	-0.08	-0.12	-0.12	-0.01	-0.08	-0.09	-0.02	183	479	393	395	343	323	178
SERUM CHOLESTEROL	0.06	0.02	0.03	0.05	-0.02	-0.05	-0.09	182	471	386	402	340	324	174
HEMOGLOBIN	0.11	0.03	0.11	0.01	-0.06	0.11	0.06	180	464	386	399	336	318	171
PHOSPHOLIPID	0.06	0.05	0.03	0.13	0.05	0.05	-0.00	181	470	386	402	338	322	174
BLOOD SUGAR	-0.03	0.02	0.03	0.04	-0.02	-0.04	-0.15	182	472	391	401	342	324	171
URIC ACID	-0.00	-0.12	-0.08	0.00	-0.08	-0.11	-0.04	182	471	385	402	340	323	174
WEIGHT	0.00	-0.13	-0.05	-0.16	-0.16	-0.18	-0.16	183	481	398	405	343	328	178
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	123	343	288	266	209	181	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.12	0.18	0.07	0.14	0.07	-0.01	0.19	144	376	307	303	248	230	109
VITAL CAPACITY	-0.13	-0.04	0.02	-0.16	-0.12	-0.16	-0.04	182	480	397	405	343	328	176
DEFINITE GCE BY X-RAY	0.07	0.05	-0.02	0.01	-0.00	0.03	-0.05	183	479	398	405	343	329	178
DEFINITE LVH BY X-RAY	0.04	-0.09	-0.01	0.08	-0.10	-0.07	0.07	183	479	398	405	343	329	178
DEFINITE HEART ENLARGEMENT BY X-RAY	0.07	-0.04	-0.01	0.06	-0.11	-0.03	0.06	183	479	398	405	343	329	178
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.11	-0.02	-0.05	0.03	-0.03	0.02	0.03	183	481	398	405	343	329	178
DEFINITE OR DOUBTFUL LVH BY ECG	0.07	-0.06	0.02	0.04	-0.10	0.01	0.03	183	481	398	405	343	329	178
URINE SUGAR, DEFINITE OR TRACE	0.06	-0.05	0.03	0.01	-0.01	0.03	-0.17	182	476	396	404	342	327	177
URINE ALBUMIN, DEFINITE OR TRACE	0.06	0.04	-0.07	-0.03	-0.09	0.00	0.04	182	476	396	404	342	327	177
SMOKING NOW	1.00	1.00	1.00	1.00	1.00	1.00	1.00	183	481	398	405	343	329	178
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.08	0.02	-0.08	0.06	-0.02	0.03	0.06	183	481	398	405	343	329	178

Table 5-21B

5 OCTOBER 1967

CHARACTERISTIC, SMOKING NOW
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.16	-0.11	-0.16	-0.14	-0.11	-0.08	-0.16	211	563	548	457	450	401	209
BLOOD PRESSURE, ADMISSION, SYSTOLIC	-0.00	-0.02	-0.05	-0.07	-0.13	-0.06	-0.05	208	552	537	446	438	393	203
BLOOD PRESSURE, ADMISSION, DIASTOLIC	-0.00	-0.07	-0.10	-0.13	-0.10	-0.00	-0.10	206	551	537	446	436	393	203
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	-0.08	-0.04	-0.12	-0.12	-0.11	-0.03	-0.07	212	571	553	458	453	401	210
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	-0.06	-0.09	-0.14	-0.15	-0.07	-0.04	-0.08	212	571	553	458	453	401	210
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	-0.11	-0.06	-0.12	-0.09	-0.13	-0.06	-0.11	209	566	545	452	451	397	209
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	-0.04	-0.07	-0.13	-0.15	-0.06	-0.06	-0.11	209	566	545	452	451	397	209
SERUM CHOLESTEROL	-0.03	0.04	0.11	0.09	0.01	-0.07	0.11	206	550	539	443	441	392	201
HEMOGLOBIN	0.08	0.11	0.09	0.15	0.04	0.06	0.04	208	548	525	436	435	384	201
PHOSPHOLIPID	-0.06	0.02	0.09	0.07	0.01	0.03	0.02	205	548	539	441	440	390	200
BLOOD SUGAR	-0.06	-0.04	0.01	0.04	-0.09	-0.04	-0.09	210	558	539	447	442	390	206
URIC ACID	-0.08	-0.13	-0.03	0.11	0.02	0.02	-0.04	206	550	538	442	439	392	201
WEIGHT	-0.13	-0.10	-0.13	-0.12	-0.08	-0.06	-0.14	212	568	553	458	453	401	210
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119	320	279	175	143	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.24	0.11	0.18	0.19	0.13	0.08	-0.04	127	378	330	254	220	176	87
VITAL CAPACITY	-0.06	0.06	0.10	0.04	0.03	0.05	0.02	211	569	553	458	452	401	209
DEFINITE GCE BY X-RAY	0.03	-0.13	-0.02	-0.06	-0.02	-0.06	-0.10	212	570	553	458	453	401	210
DEFINITE LVH BY X-RAY	-0.11	-0.04	-0.14	0.00	-0.08	-0.02	-0.01	212	570	553	458	453	401	210
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.02	-0.11	-0.12	-0.03	-0.06	-0.04	-0.04	212	570	553	458	453	401	210
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.04	0.00	-0.07	-0.05	-0.05	-0.08	-0.05	212	571	553	458	453	401	210
DEFINITE OR DOUBTFUL LVH BY ECG	-0.02	0.03	-0.05	0.10	-0.10	-0.07	0.10	212	571	553	458	453	401	210
URINE SUGAR, DEFINITE OR TRACE	-0.08	-0.01	0.06	0.00	-0.03	0.03	-0.09	211	569	551	457	452	399	208
URINE ALBUMIN, DEFINITE OR TRACE	0.14	-0.02	-0.00	0.06	-0.01	-0.08	-0.02	211	569	551	457	452	399	208
SMOKING NOW	1.00	1.00	1.00	1.00	1.00	1.00	1.00	212	571	553	458	453	401	210
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.05	-0.03	-0.01	-0.06	-0.05	-0.05	-0.08	212	571	553	458	453	401	210

Table 5-22A

5 OCTOBER 1967

CHARACTERISTIC, URINE ALBUMIN, DEFINITE OR TRACE
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.08	0.19	-0.04	0.01	0.20	-0.00	-0.09	183	475	398	403	347	327	176
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.40	-0.06	0.06	0.12	0.22	0.10	0.19	177	468	381	398	334	322	176
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.30	-0.04	0.04	0.15	0.23	0.03	0.19	177	468	381	398	333	322	176
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.44	0.09	0.05	0.14	0.24	0.10	0.22	183	479	399	406	348	329	178
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.36	0.09	0.02	0.13	0.22	-0.00	0.06	183	479	399	406	348	329	178
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.47	0.05	0.01	0.15	0.25	0.11	0.18	183	476	394	396	348	323	178
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.46	0.02	-0.00	0.15	0.24	0.03	0.07	183	476	394	396	348	323	178
SERUM CHOLESTEROL	-0.01	-0.01	-0.02	0.04	0.09	0.02	0.04	181	467	384	402	339	323	173
HEMOGLOBIN	-0.01	0.00	-0.13	0.11	0.02	-0.17	-0.05	179	460	384	399	335	317	170
PHOSPHOLIPID	-0.03	0.06	0.07	0.03	0.13	-0.06	0.09	180	466	384	402	337	321	173
BLOOD SUGAR	0.63	0.26	-0.01	0.02	0.05	0.02	-0.06	182	468	390	402	341	323	170
URIC ACID	0.11	-0.08	0.06	0.01	0.18	0.07	0.03	181	467	383	402	339	322	173
WEIGHT	-0.13	0.15	-0.04	-0.06	0.17	-0.01	-0.10	183	479	399	406	348	328	178
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.12	0.06	-0.07	-0.08	-0.04	0.05	-0.12	122	338	286	265	209	180	87
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.02	0.0	-0.06	0.07	0.05	-0.10	0.28	143	374	306	302	247	230	109
VITAL CAPACITY	-0.16	0.06	-0.01	-0.11	-0.13	-0.03	-0.07	182	478	398	406	348	328	176
DEFINITE GCE BY X-RAY	0.40	-0.01	-0.02	-0.02	0.11	0.14	-0.04	183	477	399	406	348	329	178
DEFINITE LVH BY X-RAY	0.71	-0.01	0.15	-0.02	0.17	0.08	0.03	183	477	399	406	348	329	178
DEFINITE HEART ENLARGEMENT BY X-RAY	0.40	-0.02	0.13	-0.02	0.16	0.12	0.02	183	477	399	406	348	329	178
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.25	0.12	-0.02	-0.02	0.14	0.01	0.17	183	479	399	406	348	329	178
DEFINITE OR DOUBTFUL LVH BY ECG	0.40	-0.01	-0.02	-0.02	0.11	0.03	0.17	183	479	399	406	348	329	178
URINE SUGAR, DEFINITE OR TRACE	0.49	0.41	-0.01	-0.02	0.08	-0.02	-0.06	183	479	399	406	348	329	178
URINE ALBUMIN, DEFINITE OR TRACE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	183	479	399	406	348	329	178
SMOKING NOW	0.06	0.04	-0.07	-0.03	-0.09	0.00	0.04	182	476	396	404	342	327	177
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.02	0.15	-0.02	-0.01	0.07	-0.03	-0.07	183	479	399	406	348	329	178

Table 5-22B

5 OCTOBER 1967

CHARACTERISTIC, URINE ALBUMIN, DEFINITE OR TRACE
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.02	0.01	0.01	0.04	0.12	0.12	0.11	211	563	549	458	452	403	207
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.05	0.08	0.10	0.12	0.17	0.15	0.21	207	550	536	445	437	392	201
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.07	0.09	0.12	0.12	0.21	0.07	0.16	205	549	536	445	435	392	201
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.23	0.10	0.09	0.09	0.20	0.21	0.20	212	571	554	459	455	403	208
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.14	0.11	0.08	0.13	0.23	0.15	0.12	212	571	554	459	455	403	208
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.17	0.13	0.10	0.13	0.19	0.15	0.28	209	567	547	453	453	398	207
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.15	0.08	0.08	0.14	0.21	0.10	0.18	209	567	547	453	453	398	207
SERUM CHOLESTEROL	0.04	0.08	-0.04	0.02	0.08	0.04	0.01	205	549	538	442	440	391	199
HEMOGLOBIN	0.10	-0.00	0.08	0.03	0.05	0.05	0.05	207	547	524	435	434	383	199
PHOSPHOLIPID	-0.00	0.09	0.07	0.03	0.00	-0.03	0.19	204	547	538	440	439	389	198
BLOOD SUGAR	-0.01	-0.02	0.06	0.03	0.16	-0.01	0.22	209	557	538	446	441	389	204
URIC ACID	-0.06	-0.00	0.02	0.07	0.05	0.14	-0.05	205	549	537	441	438	391	199
WEIGHT	-0.02	0.01	0.01	0.05	0.11	0.10	0.09	212	568	554	459	455	403	208
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.04	-0.02	0.01	-0.12	-0.07	0.08	-0.00	118	319	279	174	143	102	34
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.10	-0.06	0.11	-0.01	0.03	0.05	0.40	127	376	329	253	220	175	86
VITAL CAPACITY	-0.10	-0.00	-0.06	0.03	-0.02	-0.13	-0.09	211	570	554	459	454	403	207
DEFINITE GCE BY X-RAY	-0.02	0.05	0.02	0.06	0.09	0.12	0.27	212	570	554	459	455	403	208
DEFINITE LVH BY X-RAY	-0.02	0.03	0.03	-0.06	0.02	0.05	0.09	212	570	554	459	455	403	208
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.02	0.06	0.00	0.01	0.04	0.08	0.22	212	570	554	459	455	403	208
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.04	-0.02	0.01	-0.04	0.11	0.07	0.15	212	571	554	459	455	403	208
DEFINITE OR DOUBTFUL LVH BY ECG	-0.0_	-0.02	0.06	-0.03	0.07	0.08	0.21	212	571	554	459	455	403	208
URINE SUGAR, DEFINITE OR TRACE	-0.01	0.16	-0.01	-0.02	0.08	-0.03	0.35	212	571	554	459	455	403	208
URINE ALBUMIN, DEFINITE OR TRACE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	212	571	554	459	455	403	208
SMOKING NOW	0.14	-0.02	-0.00	0.06	-0.01	-0.08	-0.02	211	569	551	457	452	399	208
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.02	-0.02	-0.03	-0.04	0.00	-0.04	0.04	212	571	554	459	455	403	208

Table 5-23A

5 OCTOBER 1967

CHARACTERISTIC, URINE SUGAR, DEFINITE OR TRACE
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.14	-0.00	-0.06	0.03	0.11	-0.04	0.17	183	475	398	403	347	327	176
BLOOD PRESSURE, ADMISSION, SYSTOLIC	-0.02	-0.03	-0.04	0.01	0.10	0.02	0.01	177	468	381	398	334	322	176
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.06	-0.02	0.01	0.02	0.06	0.01	-0.08	177	468	381	398	333	322	176
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.03	0.02	-0.01	0.03	0.14	0.04	-0.01	183	479	399	406	348	329	178
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.03	0.06	0.02	0.07	0.05	-0.02	-0.04	183	479	399	406	348	329	178
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.10	-0.02	-0.03	0.02	0.07	-0.01	0.06	183	476	394	396	348	323	178
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.04	-0.02	0.00	0.05	0.04	-0.06	0.06	183	476	394	396	348	323	178
SERUM CHOLESTEROL	0.02	0.10	-0.06	0.01	0.09	0.08	-0.06	181	467	384	402	339	323	179
HEMOGLOBIN	-0.06	0.01	-0.02	0.03	0.02	0.13	0.01	179	460	384	399	335	317	178
PHOSPHOLIPID	-0.03	0.16	0.00	0.01	0.11	0.03	-0.00	180	466	384	402	337	321	179
BLOOD SUGAR	0.61	0.31	0.03	0.39	0.31	0.43	0.66	182	468	390	402	341	323	178
URIC ACID	0.03	-0.08	-0.03	-0.13	-0.06	-0.07	0.00	181	467	383	402	339	322	173
WEIGHT	-0.18	-0.02	-0.05	-0.01	0.09	-0.05	0.17	183	479	399	406	348	328	178
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	-0.02	-0.02	-0.00	-0.02	0.05	-0.05	-0.04	122	338	286	265	209	180	87
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.01	-0.04	-0.02	-0.04	0.05	0.02	-0.03	143	374	306	302	247	230	109
VITAL CAPACITY	-0.11	-0.02	-0.03	-0.07	-0.07	-0.04	-0.13	182	478	398	406	348	328	176
DEFINITE GCE BY X-RAY	-0.01	-0.01	-0.01	-0.03	-0.03	-0.03	-0.04	183	477	399	406	348	329	178
DEFINITE LVH BY X-RAY	-0.01	-0.01	-0.02	-0.04	-0.01	-0.04	-0.01	183	477	399	406	348	329	178
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.01	-0.02	-0.02	-0.05	-0.01	-0.05	-0.02	183	477	399	406	348	329	178
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.02	-0.01	0.16	0.02	0.02	0.11	0.10	183	479	399	406	348	329	178
DEFINITE OR DOUBTFUL LVH BY ECG	-0.01	-0.01	0.17	-0.04	0.06	0.14	0.07	183	479	399	406	348	329	178
URINE SUGAR, DEFINITE OR TRACE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	183	479	399	406	348	329	178
URINE ALBUMIN, DEFINITE OR TRACE	0.49	0.41	-0.01	-0.02	0.08	-0.02	-0.06	183	479	399	406	348	329	178
SMOKING NOW	0.06	-0.05	0.03	0.01	-0.01	0.03	-0.17	182	476	396	404	342	327	177
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.02	-0.01	0.24	0.10	0.03	-0.03	0.06	183	479	399	406	348	329	178

Table 5-23B

5 OCTOBER 1967

CHARACTERISTIC, URINE SUGAR, DEFINITE OR TRACE
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.03	-0.03	0.00	0.05	0.02	0.10	0.01	211	563	549	458	452	403	207
BLOOD PRESSURE, ADMISSION, SYSTOLIC	-0.04	-0.02	-0.03	0.13	0.00	0.01	0.12	207	550	536	445	437	392	201
BLOOD PRESSURE, ADMISSION, DIASTOLIC	-0.06	0.02	-0.06	0.05	0.03	-0.02	0.07	205	549	536	445	435	392	201
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	-0.05	-0.05	-0.01	0.14	0.01	0.00	0.04	212	571	554	459	455	403	208
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	-0.03	0.00	0.00	0.05	0.04	-0.01	-0.01	212	571	554	459	455	403	208
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	-0.03	-0.02	0.02	0.13	-0.04	-0.02	0.12	209	567	547	453	453	398	207
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.03	0.01	0.02	0.04	-0.00	-0.02	0.03	209	567	547	453	453	398	207
SERUM CHOLESTEROL	-0.00	0.01	0.07	0.00	-0.02	0.02	-0.00	205	549	538	442	440	391	199
HEMOGLOBIN	0.04	-0.02	-0.08	-0.04	0.05	0.04	-0.05	207	547	524	435	434	383	199
PHOSPHOLIPID	-0.03	-0.00	0.03	0.06	-0.03	0.12	0.19	204	547	538	440	439	389	198
BLOOD SUGAR	0.82	0.17	0.20	0.48	0.55	0.62	0.74	209	557	538	446	441	389	204
URIC ACID	-0.15	-0.09	-0.09	0.03	-0.09	-0.08	-0.06	205	549	537	441	438	391	199
WEIGHT	-0.02	-0.03	0.01	0.03	0.02	0.08	-0.02	212	568	554	459	455	403	208
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.0	-0.02	-0.03	-0.00	0.07	0.02	0.0	118	319	279	174	143	102	34
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.05	-0.02	-0.03	0.01	0.05	0.04	0.00	127	376	329	253	220	175	86
VITAL CAPACITY	-0.03	0.08	-0.01	-0.01	-0.02	-0.05	-0.05	211	570	554	459	454	403	207
DEFINITE GCE BY X-RAY	-0.01	-0.01	-0.01	0.07	0.05	0.00	0.19	212	570	554	459	455	403	208
DEFINITE LVH BY X-RAY	-0.01	-0.01	-0.01	0.05	0.07	0.01	0.22	212	570	554	459	455	403	208
DEFINITE HEART ENLARGEMENT BY X-RAY	-0.01	-0.01	-0.02	0.03	0.05	0.02	0.22	212	570	554	459	455	403	208
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.01	-0.01	-0.01	0.07	0.04	-0.00	0.23	212	571	554	459	455	403	208
DEFINITE OR DOUBTFUL LVH BY ECG	-0.01	-0.01	-0.01	0.11	0.06	0.06	0.12	212	571	554	459	455	403	208
URINE SUGAR, DEFINITE OR TRACE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	212	571	554	459	455	403	208
URINE ALBUMIN, DEFINITE OR TRACE	-0.01	0.16	-0.01	-0.02	0.08	-0.03	0.35	212	571	554	459	455	403	208
SMOKING NOW	-0.08	-0.01	0.06	0.00	-0.03	0.03	-0.09	211	569	551	457	452	399	208
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.01	-0.01	-0.01	-0.02	-0.02	0.05	0.04	212	571	554	459	455	403	208

Table 5-24A

5 OCTOBER 1967

CHARACTERISTIC, DEFINITE GCE BY X-RAY
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.02	-0.05	0.07	0.07	0.04	0.06	-0.01	184	478	400	404	348	329	177
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.25	-0.02	0.06	0.12	0.25	0.09	0.23	178	473	383	399	335	324	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.13	-0.11	0.08	0.08	0.23	0.08	0.20	178	473	383	399	334	324	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.26	-0.02	0.05	0.08	0.21	0.09	0.18	184	482	401	407	349	331	179
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.21	-0.10	0.02	0.05	0.11	0.04	0.20	184	482	401	407	349	331	179
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.29	0.00	0.10	0.09	0.26	0.11	0.21	184	479	396	397	349	325	179
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.29	-0.09	-0.00	0.06	0.17	0.06	0.26	184	479	396	397	349	325	179
SERUM CHOLESTEROL	0.01	-0.02	-0.02	0.01	-0.09	-0.03	-0.08	182	472	386	403	340	325	174
HEMOGLOBIN	0.08	-0.01	-0.00	-0.10	0.04	0.02	0.10	180	465	386	400	336	319	171
PHOSPHOLIPID	0.13	-0.03	0.06	0.01	-0.12	-0.03	-0.06	181	471	386	403	338	323	174
BLOOD SUGAR	-0.03	-0.00	0.09	-0.03	0.04	0.00	-0.03	183	471	392	403	342	325	171
URIC ACID	0.06	-0.06	0.01	-0.03	0.11	0.18	0.15	182	472	385	403	340	324	174
WEIGHT	-0.03	-0.05	0.09	0.06	0.04	0.07	0.00	184	482	401	407	349	330	179
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.11	0.12	0.02	-0.02	-0.03	-0.07	0.0	123	342	288	266	209	181	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.04	-0.02	-0.03	0.02	0.11	0.00	-0.08	144	376	307	303	248	230	109
VITAL CAPACITY	-0.17	-0.05	-0.09	-0.04	-0.04	-0.03	-0.07	183	481	400	407	349	330	177
DEFINITE GCE BY X-RAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	184	482	401	407	349	331	179
DEFINITE LVH BY X-RAY	0.57	0.03	0.22	0.30	0.33	0.20	0.23	184	482	401	407	349	331	179
DEFINITE HEART ENLARGEMENT BY X-RAY	1.00	0.62	0.50	0.65	0.50	0.61	0.40	184	482	401	407	349	331	179
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.42	0.03	0.05	0.16	0.28	0.10	-0.08	184	482	401	407	349	331	179
DEFINITE OR DOUBTFUL LVH BY ECG	0.32	0.06	0.14	0.19	0.30	0.15	0.03	184	482	401	407	349	331	179
URINE SUGAR, DEFINITE OR TRACE	-0.01	-0.01	-0.01	-0.03	-0.03	-0.03	-0.04	183	477	399	406	348	329	178
URINE ALBUMIN, DEFINITE OR TRACE	0.40	-0.01	-0.02	-0.02	0.11	0.14	-0.04	183	477	399	406	348	329	178
SMOKING NOW	0.07	0.05	-0.02	0.01	-0.00	0.03	-0.05	183	479	398	405	343	329	178
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.28	-0.03	-0.02	-0.02	0.05	-0.05	-0.04	184	482	401	407	349	331	179

Table 5-24B

5 OCTOBER 196

CHARACTERISTIC, DEFINITE GCE BY X-RAY
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.18	0.08	0.07	0.13	0.13	0.10	0.23	212	565	551	459	453	405	209
BLOOD PRESSURE, ADMISSION, SYSTOLIC	-0.03	0.05	0.04	0.05	0.14	0.19	0.15	208	551	538	446	438	394	203
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.01	0.04	0.04	-0.01	0.16	0.16	0.16	206	550	538	446	436	394	203
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.05	0.07	0.07	0.09	0.15	0.20	0.15	213	572	556	460	456	405	210
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.09	0.02	0.04	0.09	0.17	0.18	0.13	213	572	556	460	456	405	210
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.04	0.05	0.08	0.10	0.16	0.18	0.22	210	567	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.05	0.01	0.05	0.08	0.14	0.16	0.16	210	567	548	454	454	400	209
SERUM CHOLESTEROL	-0.03	-0.03	-0.01	-0.10	-0.07	-0.09	-0.06	206	549	540	443	441	393	201
HEMOGLOBIN	-0.04	-0.07	-0.02	0.01	0.01	-0.01	0.11	208	547	526	436	435	385	201
PHOSPHOLIPID	-0.02	0.01	0.07	-0.11	-0.10	-0.11	0.14	205	547	540	441	440	391	200
BLOOD SUGAR	-0.02	0.10	-0.05	0.04	0.03	-0.03	0.25	210	557	540	447	442	391	206
URIC ACID	-0.03	0.05	-0.04	0.03	0.07	0.04	0.13	206	549	539	442	439	393	201
WEIGHT	0.18	0.08	0.04	0.13	0.12	0.09	0.22	213	570	556	460	456	405	210
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	-0.04	-0.06	-0.08	-0.09	-0.12	-0.05	0.22	119	320	279	175	143	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.05	0.02	0.03	-0.03	-0.04	-0.05	0.29	127	377	330	254	220	176	87
VITAL CAPACITY	-0.02	-0.15	-0.14	-0.08	-0.26	-0.23	-0.12	212	571	556	460	455	405	209
DEFINITE GCE BY X-RAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	213	572	556	460	456	405	210
DEFINITE LVH BY X-RAY	0.40	0.06	0.05	0.20	0.15	0.13	0.12	213	572	556	460	456	405	210
DEFINITE HEART ENLARGEMENT BY X-RAY	0.86	0.62	0.58	0.66	0.57	0.56	0.54	213	572	556	460	456	405	210
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.03	-0.01	0.15	0.04	0.27	0.08	0.32	213	572	556	460	456	405	210
DEFINITE OR DOUBTFUL LVH BY ECG	-0.02	-0.01	0.08	0.03	0.28	0.17	0.32	213	572	556	460	456	405	210
URINE SUGAR, DEFINITE OR TRACE	-0.01	-0.01	-0.01	0.07	0.05	0.00	0.19	212	570	554	459	455	403	208
URINE ALBUMIN, DEFINITE OR TRACE	-0.02	0.05	0.02	0.06	0.09	0.12	0.27	212	570	554	459	455	403	208
SMOKING NOW	0.03	-0.13	-0.02	-0.06	-0.02	-0.06	-0.10	212	570	553	458	453	401	210
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.02	-0.01	0.13	-0.04	0.09	-0.00	0.03	213	572	556	460	456	405	210

Table 5-25A

5 OCTOBER 1967

CHARACTERISTIC, DEFINITE HEART ENLARGEMENT BY X-RAY
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.02	0.02	0.13	0.12	0.07	0.17	0.06	184	478	400	404	348	329	177
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.25	0.07	0.25	0.19	0.22	0.13	0.23	178	473	383	399	335	324	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.13	0.02	0.28	0.16	0.27	0.10	0.22	178	473	383	399	334	324	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.26	0.04	0.22	0.14	0.24	0.11	0.28	184	482	401	407	349	331	179
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.21	-0.02	0.16	0.12	0.19	0.09	0.23	184	482	401	407	349	331	179
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.29	0.07	0.26	0.14	0.22	0.14	0.21	184	479	396	397	349	325	179
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.29	-0.03	0.16	0.11	0.18	0.09	0.23	184	479	396	397	349	325	179
SERUM CHOLESTEROL	0.01	-0.01	-0.02	0.03	-0.05	-0.01	0.02	182	472	386	403	340	325	174
HEMOGLOBIN	0.08	0.05	-0.09	-0.07	0.07	0.03	0.25	180	465	386	400	336	319	171
PHOSPHOLIPID	0.13	0.00	0.02	0.08	-0.01	-0.04	-0.00	181	471	386	403	338	323	174
BLOOD SUGAR	-0.03	0.04	0.09	-0.03	0.13	-0.00	-0.04	183	471	392	403	342	325	171
URIC ACID	0.06	-0.00	-0.03	0.12	0.11	0.17	0.04	182	472	385	403	340	324	174
WEIGHT	-0.03	-0.00	0.14	0.07	0.03	0.18	0.07	184	482	401	407	349	330	179
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.11	0.08	0.03	-0.06	-0.07	-0.00	-0.02	123	342	288	266	209	181	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.04	0.02	0.12	-0.05	0.03	0.06	-0.10	144	376	307	303	248	230	109
VITAL CAPACITY	-0.17	-0.06	-0.07	-0.14	-0.10	-0.05	-0.09	183	481	400	407	349	330	177
DEFINITE GCE BY X-RAY	1.00	0.62	0.50	0.65	0.50	0.61	0.40	184	482	401	407	349	331	179
DEFINITE LVH BY X-RAY	0.57	0.78	0.92	0.85	0.95	0.84	0.96	184	482	401	407	349	331	179
DEFINITE HEART ENLARGEMENT BY X-RAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	184	482	401	407	349	331	179
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.42	0.07	0.06	0.21	0.22	0.13	0.15	184	482	401	407	349	331	179
DEFINITE OR DOUBTFUL LVH BY ECG	0.32	0.07	0.08	0.20	0.27	0.17	0.25	184	482	401	407	349	331	179
URINE SUGAR, DEFINITE OR TRACE	-0.01	-0.02	-0.02	-0.05	-0.01	-0.05	-0.02	183	477	399	406	348	329	178
URINE ALBUMIN, DEFINITE OR TRACE	0.40	-0.02	0.13	-0.02	0.16	0.12	0.02	183	477	399	406	348	329	178
SMOKING NOW	0.07	-0.04	-0.01	0.06	-0.11	-0.03	0.06	183	479	398	405	343	329	178
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	0.28	0.01	0.02	-0.03	-0.02	0.09	-0.04	184	482	401	407	349	331	179

Table 5-25B

5 OCTOBER 1967

CHARACTERISTIC, DEFINITE HEART ENLARGEMENT BY X-RAY
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.19	0.15	0.13	0.19	0.19	0.24	0.25	212	565	551	459	453	405	209
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.03	0.09	0.12	0.15	0.25	0.32	0.22	208	551	538	446	438	394	203
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.04	0.09	0.12	0.14	0.26	0.30	0.17	206	550	538	446	436	394	203
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.10	0.10	0.14	0.18	0.25	0.30	0.16	213	572	556	460	456	405	210
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.11	0.07	0.14	0.21	0.27	0.32	0.14	213	572	556	460	456	405	210
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.09	0.11	0.17	0.18	0.28	0.27	0.26	210	567	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.10	0.11	0.16	0.19	0.24	0.27	0.21	210	567	548	454	454	400	209
SERUM CHOLESTEROL	-0.03	-0.03	-0.05	-0.10	-0.03	-0.02	-0.03	206	549	540	443	441	393	201
HEMOGLOBIN	-0.04	-0.05	-0.03	-0.03	-0.03	0.04	0.23	208	547	526	436	435	385	201
PHOSPHOLIPID	-0.04	-0.00	-0.03	-0.10	-0.07	-0.10	0.09	205	547	540	441	440	391	200
BLOOD SUGAR	-0.01	0.08	-0.05	0.03	0.02	0.01	0.17	210	557	540	447	442	391	206
URIC ACID	-0.03	0.07	-0.03	0.06	0.13	0.05	0.07	206	549	539	442	439	393	201
WEIGHT	0.19	0.13	0.10	0.18	0.16	0.22	0.22	213	570	556	460	456	405	210
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	-0.04	0.09	-0.06	-0.11	-0.06	-0.01	0.25	119	320	279	175	143	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	-0.05	0.03	0.02	0.01	-0.07	-0.06	0.30	127	377	330	254	220	176	87
VITAL CAPACITY	-0.03	-0.15	-0.14	-0.17	-0.25	-0.29	-0.11	212	571	556	460	455	405	209
DEFINITE GCE BY X-RAY	0.86	0.62	0.58	0.66	0.57	0.56	0.54	213	572	556	460	456	405	210
DEFINITE LVH BY X-RAY	0.70	0.79	0.82	0.81	0.84	0.83	0.84	213	572	556	460	456	405	210
DEFINITE HEART ENLARGEMENT BY X-RAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	213	572	556	460	456	405	210
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.03	-0.02	0.31	0.09	0.17	0.19	0.20	213	572	556	460	456	405	210
DEFINITE OR DOUBTFUL LVH BY ECG	-0.02	-0.02	0.26	-0.01	0.23	0.22	0.14	213	572	556	460	456	405	210
URINE SUGAR, DEFINITE OR TRACE	-0.01	-0.01	-0.02	0.03	0.05	0.02	0.22	212	570	554	459	455	403	208
URINE ALBUMIN, DEFINITE OR TRACE	-0.02	0.06	0.00	0.01	0.04	0.08	0.22	212	570	554	459	455	403	208
SMOKING NOW	-0.02	-0.11	-0.12	-0.03	-0.06	-0.04	-0.04	212	570	553	458	453	401	210
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.02	-0.02	0.15	0.01	0.07	0.10	-0.01	213	572	556	460	456	405	210

Table 5-26A

5 OCTOBER 1967

CHARACTERISTIC, DEFINITE LVH BY X-RAY
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
MEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	-0.02	0.06	0.11	0.08	0.06	0.15	0.06	184	478	400	404	348	329	177
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.56	0.15	0.26	0.16	0.19	0.10	0.21	178	473	383	399	335	324	177
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.29	0.07	0.28	0.12	0.24	0.06	0.21	178	473	383	399	334	324	177
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.55	0.09	0.23	0.15	0.22	0.08	0.25	184	482	401	407	349	331	179
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.39	0.04	0.16	0.09	0.17	0.08	0.22	184	482	401	407	349	331	179
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.53	0.12	0.27	0.13	0.18	0.11	0.21	184	479	396	397	349	325	179
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.52	0.02	0.15	0.06	0.15	0.06	0.20	184	479	396	397	349	325	179
SERUM CHOLESTEROL	0.01	0.00	-0.02	-0.00	-0.03	0.03	0.04	182	472	386	403	340	325	174
HEMOGLOBIN	0.0	0.08	-0.09	-0.02	0.06	0.03	0.25	180	465	386	400	336	319	171
PHOSPHOLIPID	-0.02	0.02	-0.01	0.08	0.01	-0.04	-0.01	181	471	386	403	338	323	174
BLOOD SUGAR	0.04	0.05	0.06	-0.02	0.14	-0.00	-0.03	183	471	392	403	342	325	171
URIC ACID	0.12	0.03	-0.02	0.17	0.10	0.10	-0.02	182	472	385	403	340	324	174
WEIGHT	-0.05	0.03	0.11	0.03	0.02	0.16	0.08	184	482	401	407	349	330	179
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.17	-0.01	0.04	-0.03	-0.08	0.00	-0.02	123	342	288	266	209	181	88
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.0	0.05	0.13	-0.04	0.02	0.03	-0.09	144	376	307	303	248	230	109
VITAL CAPACITY	-0.13	-0.03	-0.03	-0.15	-0.09	-0.01	-0.08	183	481	400	407	349	330	177
DEFINITE GCE BY X-RAY	0.57	0.03	0.22	0.30	0.33	0.20	0.23	184	482	401	407	349	331	179
DEFINITE LVH BY X-RAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	184	482	401	407	349	331	179
DEFINITE HEART ENLARGEMENT BY X-RAY	0.57	0.78	0.92	0.85	0.95	0.84	0.96	184	482	401	407	349	331	179
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	0.37	0.11	0.07	0.20	0.14	0.07	0.17	184	482	401	407	349	331	179
DEFINITE OR DOUBTFUL LVH BY ECG	0.57	0.11	0.04	0.19	0.22	0.17	0.27	184	482	401	407	349	331	179
URINE SUGAR, DEFINITE OR TRACE	-0.01	-0.01	-0.02	-0.04	-0.01	-0.04	-0.01	183	477	399	406	348	329	178
URINE ALBUMIN, DEFINITE OR TRACE	0.71	-0.01	0.15	-0.02	0.17	0.08	0.03	183	477	399	406	348	329	178
SMOKING NOW	0.04	-0.09	-0.01	0.08	-0.10	-0.07	0.07	183	479	398	405	343	329	178
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.01	0.03	0.03	-0.03	-0.07	0.13	-0.04	184	482	401	407	349	331	179

Table 5-26B

5 OCTOBER 1967

CHARACTERISTIC, DEFINITE LVH BY X-RAY
CORRELATED WITH 25 CHARACTERISTICS OBSERVED AT EXAM 2 (OR AT EXAM 1 IF VALUE AT EXAM 2 IS MISSING), BY AGE AT EXAM 2:
WOMEN, FRAMINGHAM STUDY

AGE IN YEARS AT EXAM 2:	30-34	35-39	40-44	45-49	50-54	55-59	60-64	30-34	35-39	40-44	45-49	50-54	55-59	60-64
CHARACTERISTIC	CORRELATION COEFFICIENT							NUMBER OF PAIRED OBSERVATIONS						
FRAMINGHAM RELATIVE WEIGHT	0.08	0.12	0.12	0.16	0.17	0.19	0.16	212	565	551	459	453	405	209
BLOOD PRESSURE, ADMISSION, SYSTOLIC	0.08	0.09	0.12	0.19	0.24	0.31	0.21	208	551	538	446	438	394	203
BLOOD PRESSURE, ADMISSION, DIASTOLIC	0.03	0.10	0.13	0.21	0.25	0.32	0.10	206	550	538	446	436	394	203
BLOOD PRESSURE, FIRST EXAMINER, SYSTOLIC	0.15	0.09	0.15	0.20	0.23	0.30	0.13	213	572	556	460	456	405	210
BLOOD PRESSURE, FIRST EXAMINER, DIASTOLIC	0.10	0.07	0.16	0.22	0.23	0.35	0.10	213	572	556	460	456	405	210
BLOOD PRESSURE, SECOND EXAMINER, SYSTOLIC	0.10	0.12	0.18	0.18	0.25	0.27	0.22	210	567	548	454	454	400	209
BLOOD PRESSURE, SECOND EXAMINER, DIASTOLIC	0.10	0.14	0.17	0.22	0.23	0.29	0.14	210	567	548	454	454	400	209
SERUM CHOLESTEROL	-0.02	-0.01	-0.04	-0.06	0.01	0.06	0.01	206	549	540	443	441	393	201
HEMOGLOBIN	-0.09	-0.04	-0.02	0.01	-0.05	0.03	0.17	208	547	526	436	435	385	201
PHOSPHOLIPID	0.02	-0.01	-0.07	-0.04	-0.05	-0.06	0.05	205	547	540	441	440	391	200
BLOOD SUGAR	-0.01	0.02	-0.02	0.03	0.06	0.01	0.15	210	557	540	447	442	391	206
URIC ACID	0.01	0.06	-0.01	0.06	0.10	0.03	0.01	206	549	539	442	439	393	201
WEIGHT	0.07	0.10	0.11	0.16	0.15	0.17	0.13	213	570	556	460	456	405	210
CIGARETTES/DAY SMOKED BY CIGARETTE SMOKER	0.0	0.12	-0.01	-0.05	-0.02	-0.01	0.17	119	320	279	175	143	103	35
ALCOHOL/MONTH CONSUMED BY ALCOHOL DRINKER	0.0	0.01	-0.00	0.06	-0.05	-0.05	0.08	127	377	330	254	220	176	87
VITAL CAPACITY	-0.02	-0.06	-0.07	-0.17	-0.15	-0.22	-0.05	212	571	556	460	455	405	209
DEFINITE GCE BY X-RAY	0.40	0.06	0.05	0.20	0.15	0.13	0.12	213	572	556	460	456	405	210
DEFINITE LVH BY X-RAY	1.00	1.00	1.00	1.00	1.00	1.00	1.00	213	572	556	460	456	405	210
DEFINITE HEART ENLARGEMENT BY X-RAY	0.70	0.79	0.82	0.81	0.84	0.83	0.84	213	572	556	460	456	405	210
ELECTROCARDIOGRAM DEFINITELY ABNORMAL	-0.02	-0.02	0.26	0.09	0.09	0.15	0.13	213	572	556	460	456	405	210
DEFINITE OR DOUBTFUL LVH BY ECG	-0.01	-0.02	0.25	0.01	0.17	0.19	0.07	213	572	556	460	456	405	210
URINE SUGAR, DEFINITE OR TRACE	-0.01	-0.01	-0.01	0.05	0.07	0.01	0.22	212	570	554	459	455	403	208
URINE ALBUMIN, DEFINITE OR TRACE	-0.02	0.03	0.03	-0.06	0.02	0.05	0.09	212	570	554	459	455	403	208
SMOKING NOW	-0.11	-0.04	-0.14	0.00	-0.08	-0.02	-0.01	212	570	553	458	453	401	210
DEFINITE NONSPECIFIC ABNORMALITY BY ECG	-0.01	-0.02	0.08	0.03	0.08	0.09	-0.01	213	572	556	460	456	405	210

NIH LIBRARY

DATE DUE

JUN 7 1978			
AUG 1 1979			
GAYLORD			PRINTED IN U.S.A.

LIBRARY
NIH
Amazing Research.
Amazing Help.
http://nihlibrary.nih.gov

10 Center Drive
Bethesda, MD 20892-1150
301-496-1080

NIH LIBRARY
4 0124 5260

NIH LIBRARY
3 1496 00190 9020